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PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

Remington Arms, Multiple Parcels

14 Hoefler Avenue, East Main Street, Commerce Street, Highland Avenue
Ilion, New York

Prepared For:

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1.0 INTRODUCTION

This report presents the results of the Phase II Environmental Site Assessment (ESA) completed by HRP Associates, Inc. (HRP) in August through October of 2024 at the Remington Arms Facility located on multiple parcels along Hoefler Avenue, East Main Street, Commerce Street, and Highland Avenue in Ilion, New York (referred to herein as the "Site") (**Figure 1**). The investigation assessed potential environmental impacts associated with the current and historic use of the Site as an industrial facility which manufactured firearms, ammunition, agricultural equipment, bicycles, steam cars, typewriters, sewing machines, and cash registers since the early 1800s. The Phase II ESA was completed for the Herkimer County Industrial Development Agency (HCIDA) under a United States Environmental Protection Agency (EPA) Brownfields Assessment Grant (BF 96240822), in accordance with the Site-Specific Quality Assurance Project Plan (QAPP) dated June 10, 2024, and approved by the EPA on July 24, 2024.

1.1 Report Organization

The text of this report is divided into six sections. Immediately following the text are the figures, tables, and appendices. **Sections 3** and **4** describe field activities and findings exclusively from the Phase II ESA. A summary of each report section is provided below:

Section 1.0 Introduction: Report organization followed by Site description, summary of previous environmental investigations and records, and descriptions of areas of concern and contaminants of concern which were identified during the preparation of the Site-Specific QAPP and were investigated during the Phase II ESA.

Section 2.0 Physical Characteristics of the Site: Includes a summary of records review and field observations to describe physical characteristics, including Site topography, soils, geology, and hydrogeology.

Section 3.0 Field Activities: Summarizes field activities associated with the Phase II ESA including geophysical, soil, and groundwater investigations.

Section 4.0 Findings: Presents the findings of the geophysical survey, field observations, and analytical results of soil and groundwater sampling performed for the Phase II ESA.

Section 5.0 Conclusions: Presents conclusions related to the nature and extent of impacts to Site soil and groundwater.

Section 6.0 References: Provides a list of references used throughout this report.

1.2 Site Description

The former Remington Arms Facility is located across multiple parcels as described herein: 14 Hoefler Avenue (Parcels A, B, and C), East Main Street (Parcels D and E), Highland Avenue (Parcel F), and Commerce Street (Parcel G) in Ilion, New York. The Site consists of seven parcels identified by the County Tax records as parcel ID#s: 120.37-5-16 (Parcel A), 120.37-5-9 (Parcel B), 120.37-5-8 (Parcel C), 120.37-4-1 (Parcel D), 120.37-4-77 (Parcel E), 120.45-1-20.1 (Parcel F) and 119.36-1-

13.3 (Parcel G). Improvements to the Site include 44 industrial buildings with one to four stories totaling approximately 980,000 square feet on Parcels A and B and an approximately 100 square foot building on Parcel G. For the purposes of this investigation, the Site encompasses all seven parcels. The Site location is depicted in **Figure 1**.

The 38-acre Site was originally developed in the early 1800s as an armory and historically been used for industrial purposes, including manufacturing of firearms, ammunition, agricultural equipment, bicycles, steam cars, typewriters, sewing machines, and cash registers. Phase I Environmental Site Assessments (ESA) conducted in March and April of 2024 have identified multiple recognized environmental conditions (RECs) with the potential to have impacted soil or groundwater quality at the Site. This has led to the identification of 10 Areas of Concern (AOCs) (discussed in detail in **Section 1.4**), based on observations and data obtained from the Phase I ESA.

The Site is in a mixed residential, commercial and industrial use area. Multiple residential properties adjoin the Site to the northeast and south/southeast; and multiple commercial properties adjoin the Site to the north and west.

1.3 Previous Environmental Investigations and Records

The findings of the previous investigations performed at the Site are summarized below.

RCRA/NYSDEC Sitewide Investigation and Groundwater Monitoring Program

The Site is identified on the Environmental Site Remediation Database under the RCRA program as a Class C (Completed) site. A 1995 RCRA investigation of releases of hazardous waste constituents found low levels of VOCs in groundwater. Sitewide groundwater monitoring was discontinued in 2002 after levels had attenuated to slightly above groundwater standards. This applied to multiple AOC areas of the property.

Phase I Environmental Site Assessment, Remington Arms Plant (Parcels A, B, and C)
Prepared by HRP Associates, Inc. – April 2, 2024

This assessment has revealed the following RECs in connection with the Site:

The 200-year history of manufacturing operations is considered a REC in connection with the Site. Numerous current and historical areas of concern including various manufacturing operations, trench drains and dry sumps, oil/water separators, petroleum and chemical storage, coal storage, electrical transformers, gun powder houses, a railroad spur, and historic fill materials were identified which had the potential to have impacted the Site with Volatile Organic Compounds (VOCs), Semi Volatile Organic Compounds (SVOCs), metals, and Polychlorinated biphenyls (PCBs). Although a sitewide groundwater investigation was initiated in 1991 and completed in 2005, no recent groundwater sampling or soil characterization specific to on-site AOCs has been conducted.

Mr. Steven Taylor, site contact, Remington Arms identified the location of a water main break in the vicinity of Building 56 where cyanide was reportedly detected above state standards in soil. Soil analytical data was not provided, and it is unknown if the contamination was delineated or excavated.

Phase I Environmental Site Assessment, E. Main Street Parcels (Parcels D and E)
Prepared by HRP Associates, Inc. – April 11, 2024

This assessment has revealed the following REC in connection with the Site:

Portions of the Site have been formerly utilized as gasoline fueling stations. A spill (#9506245) occurred on July 21, 1995, when petroleum by-products were found during an on-site/off-site groundwater investigation completed by Remington Arms. Low-level petroleum constituents that may remain in soil and groundwater at the Site in the vicinity of the former fueling stations is considered an REC, however, the area has been extensively investigated and there is no current obligation for continued investigation at this time. If the future property use changes, it is possible that additional remedial measures may be required.

Phase I Environmental Site Assessment, Highland Avenue Parcel (Parcel F)
Prepared by HRP Associates, Inc. – March 22, 2024

This assessment has revealed the following REC in connection with the Site:

A few small polyethylene-covered soil piles are present on-site. The Site contact stated that soil piles were stockpiled on-site from a previous soil cleanup near Remington Arms Buildings 44 and 48 (off-site). The Site contact stated that soil was previously characterized for off-site disposal, however, waste characterization data was not available for HRP's review. Specific contaminants associated with the previous soil cleanup are unknown. The presence of soil from a previous environmental cleanup(s) with no documentation regarding waste characteristics is considered a REC to the Site.

Phase I Environmental Site Assessment, Commerce Avenue Parcel (Parcel G)
Prepared by HRP Associates, Inc. – March 28, 2024

This assessment has revealed the following RECs in connection with the Site:

The Site was developed with two rail spurs from prior to 1925 until approximately 1989. Rail spurs are associated with the use of petroleum products, and drips and leaks from rail cars are common. Additionally, herbicides and pesticides to keep the tracks clear of vegetation were often used. The use of the Site as a railroad spur is considered a REC.

C.P. Craska Trucking Co is listed for a spill (#9213720) that was reported on March 10, 1993 when contamination was observed during the removal of the 1,000-gallon diesel UST. It is noted that the tank was originally registered as a gasoline UST. This off-site spill has since been determined to be downgradient of the Site and so is not a concern with respect to site soil or groundwater quality impacts and so was not addressed in this Phase II Investigation.

1.4 Areas of Concern

Based on the findings of the Phase I ESA, HRP identified the following AOCs to be investigated as part of the Phase II ESA:

1. A portion of Parcel C was utilized as a foundry from at least 1884 to approximately 1959. Operations at the facility included molding, forging, annealing, grinding, and tumbling. This

area will be investigated to identify potential impacts related to the use of the Site for industrial operations. Contaminants of concern include:

- VOCs potentially associated with:
  - Petroleum products used and stored related to historical foundry operations
  - Wastes generated by historical foundry operations
- SVOCs potentially associated with:
  - Petroleum products used and stored related to historical foundry operations
- Metals potentially associated with:
  - Wastes generated by historical foundry operations
- PCBs potentially associated with:
  - Historical industrial equipment associated with the foundry that may have utilized PCB-containing oils

2. Several locations on Parcels B and C were formerly utilized for coal storage between approximately 1884 and 1959. These areas will be investigated to identify potential impacts related to coal storage on-site. Contaminants of concern include:
   - SVOCs potentially associated with:
     - Polycyclic aromatic compounds (PAHs) associated with the historical use of the Site for coal storage
   - Metals potentially associated with:
     - Historical use of the Site for coal storage

3. Portions of Parcels A, B, and C were utilized for petroleum storage including an oil tank, a fuel oil tank, and an oil house between 1897 and 1959. These areas will be investigated to identify potential impacts related to bulk petroleum storage on-site. Contaminants of concern include:
   - VOCs and SVOCs potentially associated with:
     - Petroleum products used and stored related to historical foundry and other industrial operations

4. Currently oil filled transformers are located on Parcel A. A transformer house was historically located on Parcel A from 1925 to 1959. Based on the assumed age of the transformers (pre-1979), the potential exists for the transformers to contain PCB oil. These areas will be investigated to identify potential impacts related to the storage of transformers on-site. Contaminants of concern include:
   - PCBs potentially associated with:
     - The presence of current and historical transformers

5. Trench drains are present throughout most of the production areas of Parcel A, which reportedly discharge to oil/water separators and the on-site process wastewater pretreatment plant. These areas will be investigated to identify potential impacts related to the discharge of liquid waste materials. Contaminants of concern include:
   - VOCs, SVOCs, metals, and PCBs potentially associated with:
     - The use of this area for waste discharge and treatment

6. The former Erie Canal was historically located on-site and was relocated between 1912 and 1925. The potential exists for contaminated non-native fill materials to have been used to

backfill the former canal bed. This area will be investigated to identify potential impacts related to the use of fill materials. Contaminants of concern include:
    - VOCs, SVOCs, metals, and PCBs potentially associated with:
        - Unknown fill material
        - Dumping or spilling of waste byproducts or material from historic operations on-Site
        - Other, unidentified sources

7. Railroad spurs were historically located on Parcels C and G. The potential exists for spills, drips, and leaks from rail cars to have contaminated surface soils. This area will be investigated to identify potential impacts related to the use of the Site for railroad infrastructure. Contaminants of concern include:
    - VOCs potentially associated with:
        - Petroleum products which may have dripped or leaked from rail cars
    - Chlorinated herbicides potentially associated with:
        - Historic treatment of railroad ties

8. Parcels D and E were historically operated as gasoline fueling stations. A groundwater investigation on-site identified petroleum by-products in soil and groundwater. Extensive groundwater monitoring has been conducted and residual contamination may exist at the Site. This area will be investigated to identify potential remaining petroleum constituents in Site soils. Contaminants of concern include:
    - VOCs and SVOCs potentially associated with:
        - Petroleum products used and stored related to industrial operations and the retail gasoline fueling stations
    - Metals potentially associated with:
        - Historic automotive maintenance potentially associated with the former on-site gasoline fueling station

9. This AOC will investigate areas of the Site left uncharacterized by other specific AOCs to identify potential impacts related to historical industrial use of the Site. Contaminants of concern are uncertain; however, the following contaminants of concern may be present in this AOC:
    - VOCs, SVOCs, metals, PCBs and chlorinated herbicides potentially associated with:
        - Various current and historical industrial operations

10. A few small soil piles were observed on Parcel F that were identified by the Site contact as having been excavated during a previous soil cleanup on-site. Waste characterization sampling was reportedly completed; however, no documentation was available for review during the Phase I ESA. The soil piles will be sampled for waste characterization for potential transportation and disposal off-site. Contaminants of concern are uncertain; however, the following contaminants of concern may be present in this AOC:
    - VOCs, SVOCs, metals, PCBs, chlorinated herbicides, and chlorinated pesticides potentially associated with:
        - Previous contamination excavated at or near the Site
        - Other, unidentified sources

AOCs are depicted in **Figure 2**.

2.0 PHYSICAL CHARACTERISTICS OF THE STUDY AREA

The following section discusses the physical characteristics and setting of the Site.

2.1 Site Features

The 38-acre Site is occupied by 44 industrial buildings totaling approximately 980,000 square feet on Parcels A and B and an approximately 100 square foot building on Parcel G. The remainder of the Site consists of paved surfaces (including parking lots and driveways) as well as fenced areas and grass fields. Access to Parcels A, B, C, and F are restricted by locked fences and on-site security guards. Parcels D, E, and G are accessible via adjoining public roads. Multiple residential properties adjoin the Site to the northeast and south/southeast; and multiple commercial properties adjoin the Site to the north and west. A Site Plan including the parcels is depicted on **Figure 2**.

2.2 Site Topography

The Site lies at an elevation between 400 and 475 feet above mean sea level. The Site is sloped towards the northeast, with relatively flat topography near the central and northeastern portions of the Site. The southern portion of the Site is topographically higher than the northern portion.

2.3 Soils

The United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey classifies the Site as Herkimer gravelly silt loam, 0 to 3 percent slopes. Other soil types mapped as being on the Site include Hartland-Agawam complex, 8 to 15 percent slopes, and cut and fill land.

Based on field observations (**Section 4.2**), soils at the Site consist of varying depths of fill materials (approximately 0 to 35 feet below grade [ft bg]) characterized by varying amounts of brick, cinders, slag, concrete and/or wood fragments in a matrix of fine to medium sand and gravel. Fill thickness was observed to be greatest on the northern portion of the Site (Parcel B and Parcel C). Native fine to medium sands, silts, and clays were observed underlying fill materials across the Site, to approximate depths between 12.5-35 ft bg, where subsurface investigations ceased. Fill material and native soils are depicted in cross sections developed from boring logs in **Figures 3, 4** and **5.**

2.4 Geology

The Geologic Map of New York – Hudson-Mohawk Sheet indicates the Site is underlain by unknown bedrock geology. Depth to bedrock is estimated to be greater than 30 ft bg, as bedrock refusal was not met on any soil borings installed during the 1991 subsurface investigation or the current Phase II ESA.

2.5 Hydrogeology

2.5.1 Surface Water

No bodies of surface water were identified on-site. The body of surface water nearest the Site is the Mohawk River, located approximately 750 feet north of Parcel G, and approximately 2,200 feet north of Parcel C.

2.5.2 Groundwater

Eight overburden monitoring wells designated MW-1 through MW-8 were installed during the Phase II ESA. Depth to water measurements recorded at the eight monitoring wells September 27, 2024, ranged from 3.65 to 19.89 feet below top of casing and indicate groundwater flow direction is generally towards the north towards the Mohawk River, approximately 2,200 feet north of the Site. The groundwater levels recorded during the event are summarized in **Table 1.** Monitoring well locations and a groundwater contour map depicting flow direction are included as **Figure 7**.

3.0 FIELD ACTIVITIES

A description of field activities conducted during the Phase II ESA is presented in this Section. Field activities were completed in accordance with HRP's Site-Specific QAPP dated June 10, 2024, and approved by the EPA on July 24, 2024. Deviations based on field conditions are noted in **Section 3.4**.

Field work for this Phase II ESA included the following tasks:

- A limited geophysical survey was conducted to identify subsurface utilities and anomalies on-site (August 22-23 and 26-28, 2024).
- Installation of 55 soil borings (August 26 through September 16, 2024).
- Collection of 56 subsurface soil samples from the 55 soil borings, for laboratory analysis (August 26 through September 16, 2024).
- Installation of eight permanent 2-inch diameter overburden monitoring wells (August 29 through September 9, 2024).
- Development of monitoring wells (September 11 through 13, 2024);
- Collection of one composite sample of the soil from the shooting range, for laboratory analysis (September 17, 2024)
- Collection of groundwater samples from the eight newly installed monitoring wells, for laboratory analysis (September 26 and 27, 2024).
- Site Survey (October 4, 2024)

3.1 Geophysical Survey

On August 22 through 28, 2024, a limited geophysical survey was conducted by East Coast Geophysics, Inc. (ECG) using non-invasive radio detection, pipe and cable locator, and ground penetrating radar (GPR) equipment. A utility survey was first conducted using active and passive radio detection scans to identify subsurface utility lines. The Site was then scanned with a pipe and cable locator utilizing electromagnetic induction along 3-to-5-foot intervals to identify conductive features such as manholes, tanks, pipes, cables, and other metallic materials in the subsurface. GPR was then utilized to confirm the approximate size, shape, and depth of utilities and anomalies detected by transmitting electromagnetic waves from an antenna into the ground. The objective of the survey was to locate all detectable utilities in the areas of proposed boring locations. The geophysical survey report is included as **Appendix A**.

3.2 Soil Investigation

To characterize the Site's soils and investigate impacts related to historic Site operations, HRP and Core-Down Drilling, LLC (Core-Down) installed a total of 55 soil borings (SB-1 through SB-30, SB-32 through SB-52, and SB-60 through SB-63) at the Site between August 26 and September 16, 2024. Soil borings were advanced to a maximum depth of 35 ft bg. Core-Down used a Geoprobe 6712DT drill rig equipped with a 2.25-inch Macrocore sampler which was advanced using direct push technology. Soil samples were collected continuously by the Macrocore sampler in five-foot intervals. The soil boring locations are shown in **Figure 2** and are summarized in the Soil Boring Location Summary table as **Table 2**. Soil boring logs are included in **Appendix B**.

During soil boring installation, soil samples were logged and screened in five-foot increments by an HRP geologist. Soil samples were logged by grain size, color, moisture, presence of fill material, and obvious physical evidence of contamination (i.e., odor, staining). A small portion (1-2 oz.) of each sample was placed in an air-tight polyethylene bag and allowed to attain ambient temperature before photoionization detector (PID) headspace analysis for volatile compounds. PID headspace analysis measurements and soil descriptions are presented on soil boring logs included in **Appendix B**.

Following logging and screening, soil was placed in appropriate containers, labeled, and preserved on ice for laboratory analysis. A total of 56 soil samples (not including samples collected for QA/QC) were collected from the soil borings.

All non-disposable soil sampling equipment was decontaminated between samples using an Alconox wash followed by a clean water rinse. Boreholes that were not completed as monitoring wells were abandoned (backfilled) using drill cuttings and grout.

Soil samples were collected from depths ranging from 0.5 to 31 ft bg to characterize the various fill layers encountered during the investigation, identify impacts to soil at the water table, and delineate impacts to native soils. Included for the Phase II ESA was a composite soil sample (BS-200) taken from the basement of the shooting range, located on the 14 Hoefler Ave parcels. The sample was reportedly taken from the berm which was fired towards during firearm testing. Each subsurface soil sample was submitted under chain of custody to an ELAP certified laboratory. The soil samples that were collected and analyzed for the Phase II ESA are included in **Tables 3** through **6**.

Soil samples were not collected from the proposed SB-31 or the proposed SB-53 through SB-59 due to inaccessibility with the drill rig, as buildings, piping, and infrastructure features restricted equipment access. Soil samples were not collected from SB-50 due to shallow concrete refusal.

3.2.1 Waste Characterization

On September 16, 2024, eight soil samples were collected from the soil piles on Parcel F for waste characterization. Four composite samples (CS-1 through CS-4) and four grab samples (GS-1 through GS-4) were collected by HRP.

The waste characterization samples that were collected are summarized below.

Composite samples CS-1 through CS-4 were submitted for analysis of:

- SVOCs by EPA Method 8270
- PP metals by EPA Methods 6010D, 6020B, 7470A, and 7471B
- TCL PCBs via EPA Method 8082
- TCL pesticides via EPA Method 8081B

Grab samples GS-1 through GS-4 were submitted for the analysis of:

- TCL VOCs by EPA Method 8260

The soil samples collected for waste characterization are listed in **Table 7**.

3.3 Groundwater Investigation

3.3.1 Monitoring Well Installation

Between August 29 through September 9, 2024, eight overburden monitoring wells (MW-1 through MW-8) were installed by Core-Down with HRP oversight. The overburden wells were installed using a Geoprobe 6712DT drill rig equipped with 3 ¼ diameter direct push tooling. Monitoring wells were constructed of 2-inch diameter, schedule 40 PVC solid well pipe riser and 10-slot screen, positioned to intercept the water table. The annular space around each well screen was backfilled with #2 filter sand and sealed with bentonite chips. Each well was finished with a flush mounted protective cover. Well construction logs are included in **Appendix C**.

3.3.2 Monitoring Well Development

Monitoring wells were developed between September 11 and 13, 2024, using a submersible "whale" pump and dedicated low density polyethylene tubing to pump and surge the water column. Water quality field parameters including temperature, pH, dissolved oxygen, oxygen reduction potential, turbidity, and conductivity were recorded during the development of each well. Pumping and surging were continued at each well until water quality parameters (other than turbidity) were stabilized through three consecutive readings within 10% variability and turbidity was reduced below 50 nephelometric turbidity units (NTU), or for two hours, or until five well volumes were purged from the well, whichever was reached first. Non-disposable equipment (i.e., water level indicator, pump) was decontaminated prior to use in and between each well. Care was taken not to introduce contaminants to the equipment prior to use and between each well. All development water was transferred to a 55-gallon steel drum for future off-site disposal. Well development logs including water quality field parameters, depth to water measurements and purge volumes can be found in **Appendix C**.

3.3.3 Sampling Methods and Procedures

Groundwater wells were sampled in general accordance with low-flow techniques as described in the Site-specific QAPP. Monitoring well sampling data was recorded in the low-flow sampling log (provided in **Appendix C**).

The groundwater samples that were collected and analyzed are summarized below.

Groundwater samples from MW-2, MW-3, MW-4, MW-5, and MW-8 were submitted for analysis of:

- TCL VOCs by EPA Method 8260
- SVOCs by EPA Method 8270
- PP metals by EPA Methods 6010D, 6020B, 7470A, and 7471B

Groundwater samples from MW-1 and MW-6 were submitted for analysis of:

- TCL VOCs by EPA Method 8260
- SVOCs by EPA Method 8270
- PP metals by EPA Methods 6010D, 6020B, 7470A, and 7471B
- TCL PCBs via EPA Method 8082

No groundwater sample was collected from MW-7 due to the well being dry during sampling activities.

GROUNDWATER SAMPLE SUMMARY				
Sample ID	**Screen Setting**	**Sample Location**	**Justification**	**Analyses**
MW-1	17-27 ft bg	Parcel C, AOC 1	Evaluate impacts to groundwater associated with the use of the Site for historic foundry operations	TCL VOCs TCL SVOCs PP Metals TCL PCBs
MW-2	5-15 ft bg	Parcel C, AOC 3	Evaluate impacts to groundwater associated with the historical use and storage of petroleum products	TCL VOCs TCL SVOCs PP Metals
MW-3	17-27 ft bg	Parcel A, AOC 9	Evaluate impacts to groundwater associated with the historical use and storage of petroleum products	TCL VOCs TCL SVOCs PP Metals
MW-4	18-28 ft bg	Parcel E, AOC 8	Evaluate impacts to groundwater associated with the historic use of the Site as a gasoline fueling station	TCL VOCs TCL SVOCs PP Metals
MW-5	17-27 ft bg	Parcel D, AOC 8	Evaluate impacts to groundwater associated with the historic use of the Site as a gasoline fueling station	TCL VOCs TCL SVOCs PP Metals
MW-6	5-15 ft bg	Parcel A, AOC 5	Evaluate impacts to groundwater associated with the discharge of waste materials	TCL VOCs TCL SVOCs PP Metals TCL PCBs
MW-7	4-14 ft bg	Not Sampled	Well was dry, thus impacts to groundwater could not be evaluated.	N/A
MW-8	8-18 ft bg	Parcel A, AOC 9	Evaluate impacts to groundwater associated with historic industrial Site use; general Site coverage	TCL VOCs TCL SVOCs PP Metals

3.3.4 Groundwater Elevation Survey

On October 4, 2024, a monitoring well elevation survey was conducted by Emrich Land Surveying for the purpose of preparing a groundwater contour map and determining groundwater flow direction. Top of casing, ground and PVC elevations were recorded for the survey. Depth to water measurements were collected on September 26, 2024. These measurements are summarized on **Table 1**.

3.4 Deviations from QAPP

During the Phase II ESA, deviations from the QAPP were as follows:

- Soil borings SB-31 and SB-53 through SB-59 were not installed due to inaccessibility with the drill rig.

- Monitoring well locations MW-3 and MW-8 were relocated to adjacent borings (from SB-25 to SB-52 and from SB-62 to SB-63, respectively) due to shallow refusal during well installation at the originally proposed locations.
- Soil boring location SB-28 was moved outside of AOC 4 due to inaccessibility with the drill rig. SB-28 was moved adjacent to the transformer area on the southern portion of Parcel A.
- Soil samples were not collected from SB-50 due to shallow concrete refusal. Two soil samples were collected from adjacent SB-51 from two different intervals to characterize fill layers on the northeastern portion of Parcel A.
- MW-7 was not sampled due to the well running dry during sampling.
- Due to subsurface conditions, such as potentially conductive soils or fill material, the GPR survey depth was limited to 0-5 ft bgs during the Geophysical Survey.

These deviations did not impact HRP's ability to investigate the AOCs or complete the objectives of the Phase II ESA.

4.0 FINDINGS

To identify the nature and extent of contamination at the Site, HRP submitted soil and groundwater samples under chain of custody to York Analytical Laboratories in Richmond Hill, New York, a NYSDOH ELAP-certified laboratory. Samples were analyzed for VOCs, SVOCs, PCBs, Pesticides, Herbicides, and Priority Pollutant metals (including mercury) as outlined in the included tables. Laboratory analytical reports are included in **Appendixes D** and **E**.

A NYSDEC-approved independent data validator, Linda Tangen, was subcontracted to provide data validation services for this project. Data validation results are included in **Section 4.4** and the Data Usability Summary Reports (DUSRs) are presented in **Appendix F**.

Chemical compounds detected in the soil and groundwater sampled as part of the Phase II ESA and the analytical results are presented in **Tables 2** and **3**.

Soil and groundwater analytical results are compared to the following New York State standards, criteria, and guidance values (SCGs):

- NYSDEC Division of Water Technical and Operational Guidance Series (TOGS 1.1.1); Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations dated October 1993. Specifically, HRP compared groundwater sample results against NYSDEC Class GA Criteria.

- NYSDEC Regulation, 6 NYCRR Subpart 375-6, "Remedial Program Soil Cleanup Objectives" which apply to the development and implementation of the remedial programs for soil and other media set forth in subparts 375-2 through 375-4 [Inactive Hazardous Waste Disposal Site Remedial Program, Brownfield Cleanup Program, and Environmental Restoration Program] and includes the soil cleanup objective tables developed pursuant to ECL 27-1415(6).

To be consistent with the planned future commercial use, soil analytical results for this investigation were compared to NYSDEC 6 NYCRR Part 375-6 Commercial Use (CU) Soil Cleanup Objectives (SCOs).

4.1 Geophysical Survey

The limited geophysical survey was conducted by ECG from August 22 to August 28, 2024, with the objective of locating all detectable underground utilities adjacent to the proposed boring locations.

Electrical lines were identified surrounding the perimeter of the respective parking lots on the north side of the Site. Water lines were identified surrounding the perimeter of the respective buildings within the 14 Hoefler Ave parcels. Gas lines were identified entering the property from and along E Main Street. Sewer lines were detected below and parallel to East Main Street and Otsego Street, as well as entering from the north through the main parking lot area. An unknown utility line was detected entering from the east towards the main parking lot area. The GPR depth of penetration during the survey was reportedly limited to 0-5 ft bg. The geophysical report, which includes locations of the identified anomalies and utility lines, is attached as **Appendix A**.

4.2 Soil Investigation

Observations

Asphalt and sub-base consisting of fine to medium sand and fine to medium gravel was observed at the surface within the paved areas of Parcels A, B, C, D, and E. Surface soils, where not covered by building slabs or pavement, consisted of fine sand and silt with varying amounts of gravel and organic material, to a maximum depth of 1 ft bg. Fill materials were found to underly asphalt and surface soils to a maximum depth of 27.5 ft bg. Fill materials consisted of varying amounts of cinders, brick, weathered concrete, slag, and/or wood fragments in a fine to medium sand and fine to coarse gravel matrix. Fill was underlain by native soils, consisting of fine to medium sands and silts with varying amounts of gravel to a maximum depth of 35 ft bg, where subsurface investigations ceased. Clay was observed underlying sand and silt on the southern portion of Parcel A. Samples were also collected from the soil pile on Parcel F for waste characterization and for identification of potential contaminants.

On August 29, 2024, while drilling at MW-4, approximately 1-2 inches of possible petroleum non-aqueous phase liquid (NAPL) was observed, exhibiting an odor and high PID reading (1,146 ppm). On August 30, 2024, this apparent petroleum spill was called into the DEC Spills Hotline and recorded as Spill 2405123. However, on September 13, 2024, during groundwater development and purging, no NAPL was identified and only a strong odor was observed. Additionally, during low-flow sampling on September 26, 2024, no staining, odors, or other types of impact were observed in the monitoring well.

Staining, sheens, odors, and/or elevated PID readings were observed in 18 of the 55 borings installed during the Phase II ESA. Most of these observations were observed in AOCs 1, 2, 3, and 8 with the highest PID reading recorded (1,513 ppm) at SB-14 in AOC 1. The greatest incidence of soil staining was observed within AOC 8, particularly at soil borings 40, 43, 44, 46, and 47. A depiction of depth to native material is included in **Figures 3, 4,** and **5**. Soil boring logs are included in **Appendix B**. Observations of these properties at their respective locations are described in detail in the table below.

Soil Boring ID	Approximate Depth to Groundwater (ft bg)	Sample Depth (ft bg)	Observations
SB-3	20	14-16	PID (84.0 ppm), odor
SB-5	20	17.5-20	PID (98.4 ppm), odor
SB-6	20	21-23	PID (0.0) Odor
SB-7	23	15-18	PID (55.8 ppm), odor
SB-8	25	25-28	PID (79.9 ppm)
SB-9	25	17-20	PID (36.9 ppm), odor
SB-10	24	23-26	PID (320.6 ppm), odor
SB-11	20	20-23	PID (140.4 ppm), odor
SB-12	-	10-12	PID (26.4 ppm)

Soil Boring ID	Approximate Depth to Groundwater (ft bg)	Sample Depth (ft bg)	Observations
SB-14	25	12-15	PID (1,513 ppm), odor, staining
SB-15	25	20-23	PID (73.5 ppm), odor
SB-16	21	21-24	PID (63.1 ppm), odor
SB-22	20	16-18	Odor
SB-23	21	18-21	PID (122.1 ppm), odor
SB-24	25	23-25	PID (235.0 ppm), odor, sheen
SB-26	-	5-6	PID (3.0 ppm), odor
SB-33	-	8-10	PID (85.6 ppm)
SB-34	24.5	25-27	PID (58.1 ppm), odor
SB-40	19	22-24	PID (791.9 ppm), odor, stain
SB-41	20	5-9	PID (7.5 ppm), odor
SB-42	19.5	20-23	PID (6.9 ppm), odor
SB-43	20	13-15	PID (976.4 ppm), odor, stain
SB-44	24.5	22-25	PID (325.9 ppm), odor, stain
SB-45	25	28-30	PID (224.7 ppm), odor
SB-46	23	20-23	PID (511.4 ppm), odor, stain
SB-47	20	25-27	PID (1,146 ppm), odor, stain
SB-48	23.5	28-31	PID (15.0 ppm), odor
SB-52	20	25-27	PID (0.0) Odor, stain

Fill material was observed from grade to a maximum depth of 27.5 ft bg across the Site. Fill materials consisted of varying amounts of cinders, brick, wood fragments, weathered concrete and/or slag within a fine-medium sand and gravel matrix.

Analytical Results

The soil samples collected were analyzed as described in **Section 3.2**. A total of 57 samples were collected at depths ranging from surface to 31 feet below grade (ft bg) for various laboratory analyses. A comprehensive summary of soil sample results from the investigation is presented on **Tables 3** through **6**. Soil samples which exceed Commercial Use Soil Cleanup Objectives are highlighted in this section. The laboratory report is provided in **Appendix D.**

Volatile Organic Compounds (VOCs)

No VOCs were detected at concentrations exceeding CU SCOs in any of the soil samples. Several VOCs were detected above laboratory detection limits which did not exceed SCOs. Detected VOCs are presented in **Table 3**.

Semi Volatile Organic Compounds (SVOCs)

Petroleum related SVOCs were detected at concentrations exceeding applicable regulatory criteria in three of the samples collected during the Phase II ESA. Benzo(a)pyrene was detected at concentrations exceeding Commercial Use (CU) SCOs in samples SB-13, SB-25, and SB-61. Several additional SVOCs were detected at concentrations above laboratory detection limits which did not exceed SCOs. SVOC exceedances are not localized to one parcel. SVOC detections in soil are included in **Table 4** and are shown in **Figure 6.**

Metals

Metals, including arsenic, copper, lead, and nickel were detected at elevated concentrations, some higher than typical background levels, as defined in NYSDEC CP-51 Soil Cleanup Guidance and NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation, in 22 of the 57 samples collected. Arsenic was detected at concentrations exceeding CU SCOs in 19 samples. Copper was detected at concentrations exceeding CU SCOs in samples SB-2, SB-29, and SB-33. Lead was detected at concentrations exceeding CU SCOs in samples BS-200 and SB-29, respectively. Nickel was detected at concentrations exceeding CU SCOs in sample SB-33. Metals that were detected at concentrations exceeding laboratory detection limits are presented in **Table 5**. Exceedances of metals were all found within the observed fill material, all of which were in soil beneath asphalt in each of their respective sample locations.

The BS-200 soil sample is a surface soil sample collected in the shooting range floor of Building 52. Substantially elevated lead concentrations in this soil are likely attributed to years of shooting in this basement.

PCBs

No PCBs were detected in concentrations exceeding applicable regulatory criteria in any of the soil samples. PCB detections in soil are included in **Table 6**.

4.2.1 Waste Characterization

Analytical Results

Eight soil samples were collected for waste characterization as described in **Section 3.2.1**. Sample results from the Phase II ESA are presented below and in laboratory analytical reports included in **Appendix D.**

VOCs

No VOCs were detected in concentrations exceeding applicable regulatory criteria in any of the samples. Methylene chloride, a common laboratory contaminant, was detected above laboratory detection limits but did not exceed applicable regulatory SCOs. VOC detections in waste characterization soil are included in **Table 7.**

SVOCs

No SVOCs were detected in concentrations exceeding applicable regulatory criteria in any of the samples. Several SVOCs were detected at concentrations above laboratory detection limits but did not exceed applicable regulatory SCOs. SVOC detections in waste characterization soil are included in **Table 7**.

Metals

No metals were detected in concentrations exceeding applicable regulatory criteria in any of the samples. Several metals were detected at concentrations above laboratory detection limits but did not exceed applicable regulatory SCOs. Metal detections in waste characterization soil are included in **Table 7**.

PCBs

No PCBs were detected in concentrations exceeding applicable regulatory criteria in any of the soil samples. PCB detections in soil are included in **Table 7**.

4.3 Groundwater Investigation

Observations

Depth to groundwater across the Site ranges from approximately 4 ft to 19 ft below grade with higher gradient in the south/southwest region of the Site and lower gradient in the north/northeast area of the Site. Groundwater is estimated to flow to the northeast towards the Mohawk River. Groundwater monitoring logs are included in **Appendix C**. Groundwater data, including groundwater contours, flow direction, and Class GA exceedances are depicted on **Figure 7**.

Odors and sheens were observed in the water purging from MW-1 and MW-4. No sheens or odors were observed during the gauging, development, or sampling activities of any other monitoring wells.

Analytical Results

The groundwater samples collected were analyzed and described in **Section 3.3**. A total of seven groundwater samples were collected for various laboratory analysis. A comprehensive presentation of groundwater sample results from the investigation are presented on **Table 8**. Groundwater samples that exceed NYSDEC Class GA Criteria are depicted in **Figure 7**. The laboratory report is provided in **Appendix E**.

VOCs

Petroleum VOCs were detected at concentrations exceeding applicable regulatory criteria in two of the samples collected during the Phase II ESA. Petroleum related BTEX (Benzene, Toluene, Ethylbenzene, and Xylene) compounds were detected exceeding NYSDEC Class GA Criteria in samples MW-2 and MW-4. Additional VOCs were detected at concentrations above laboratory detection limits which did not exceed NYSDEC Class GA Criteria. VOC exceedances are not limited to one parcel. VOC detections are included in **Table 8** and are shown in **Figure 7**.

SVOCs

No SVOCs were detected at concentrations exceeding NYSDEC Class GA Criteria in any of the groundwater samples. Several SVOCs were detected above laboratory detection limits which did not exceed GA criteria. Detected SVOCs are presented in **Table 8**.

Metals

No metals were detected at concentrations exceeding NYSDEC Class GA Criteria in any of the groundwater samples. Mercury was detected above laboratory detection limits but did not exceed GA criteria. Detected metals are presented in **Table 8**.

PCBs

No PCBs were detected in concentrations exceeding laboratory detection limits in any of the groundwater samples.

4.4 Data Validation and Usability

Analytical data obtained during the Phase II ESA has been validated by an independent data validator, Linda Tangen, to evaluate the usability of the data. The DUSRs indicate which data are subject to limitations and identify certain data that are flagged as rejected and should not be used. The DUSR indicated the following data were rejected:

- Multiple "non-detected" soil and groundwater samples: rejected due to poor laboratory control sample (LCS) recovery.
- Several "non-detected" soil samples: rejected due to exceeding internal standards (IS), continuing calibration verification standards (CCV), matrix spikes (MS) and serial dilutions (SD).
- Numerous "non-detected" groundwater samples were rejected due to hold time (HT) being five days past HT for prep due to the samples requiring a re-extraction in the lab.

Samples from SB-15 were detected at concentrations above regulatory standards and were rejected for the following:

- Isopropylbenzene (Cumene) was rejected for MS – (-)75.4 recorded; field duplicate 88.3 relative percent difference (RPD)
- Methylcyclohexane was rejected for MS – (-)13.6 recorded; field duplicate 48.5 RPD
- N-Butylbenzene was rejected for SD – 42.5% difference
- N Propylbenzene was rejected for MS – (-)187 recorded; field duplicate 80 RPD

HRP does not consider the rejected data to impact the results of the investigation. The data validation results have been included as **Appendix F**.

5.0 CONCLUSIONS

The objectives of this Phase II Environmental Site Assessment (ESA) were to assist the Herkimer County IDA in the following:

- To address recognized environmental conditions (RECs) identified in the Phase I ESA related to the historic use of the Site
- Identifying conditions relative to future commercial site uses relative to Areas of Concern (AOCs) identified in the Phase I ESA.

The Phase II subsurface investigation was performed in general compliance with American Society for Testing and Materials (ASTM) E1903-19 standards of subsurface investigations and site characterization as well as New York State Department of Environment and Conservation (NYSDEC) Der-10 Site Investigation and Remediation standards

Based on HRP's understanding of the planned future use of the Site (commercial Use Redevelopment) and information collected to date, HRP offers the following conclusions:

General Sitewide Conclusions

Shallow soils at the Site generally consist of varying depths of fill materials (approximately 0 to 35 feet below grade [ft bg]) characterized by varying amounts of brick, cinders, slag, concrete and/or wood fragments in a matrix of fine to medium sand and gravel. Fill thickness was observed to be greatest on the northern portion of the Site (Parcel B and Parcel C). Fill material and native soils are depicted in cross sections developed from boring logs in **Figures 3, 4** and **5**. In 22 of the 57 samples collected and analyzed, fill materials were found to contain arsenic, copper, lead, and nickel at elevated concentrations, some higher than typical background levels, as defined in NYSDEC CP-51 Soil Cleanup Guidance and NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. There is no known use of these metals on the site and so these elevated levels of metals are attributable to the quality of the fill materials that were historically imported onto the property when it was developed.

Site soil sampling and analysis also identified low levels of petroleum volatile organic compounds and semi-volatile organic compounds, likely from historic site spills when petroleum fuels and lubricants were stored and used on the site.

Additionally, historic sampling of fill materials north of Building 56 reportedly contained elevated levels of cyanide, discovered during a water line repair job when the soil was sampled for disposal. There is some speculation that cyanide in the soil could have come from historic heat treating of metals in this area of the site.

Exposure to fill materials is currently isolated due to the extensive site cover provided by buildings and paved parking surfaces. If future development of the site includes removal of site buildings and barrier surfaces, a soil management plan should be implemented to ensure that workers and the public are not exposed to dust from excavation or other handling and movement of these soils. Similar encapsulation as a result of Site development through the use of paved surfaces, building coverage and other barrier surfaces can serve to maintain stability of these materials and eliminate

surface exposure to fill materials containing these metals. If soil is to be removed from the Site and disposed, it should be characterized and re-used or disposed of at appropriate locations, based on the results of characterization and regulatory re-use requirements.

AOC Area Conclusions

AOC Designations are described in **Section 1.4** and the locations are depicted on **Figure 2**.

AOC 1: The concerns for this AOC are based on its former use as a foundry when Remington Arms used it from at least 1884 to approximately 1959. Based on soil sample results, AOC 1 has elevated levels of metal present in soil, which are likely associated with fill materials. No other impacts to soil or groundwater quality above regulatory cleanup or re-use standards were identified on this AOC. Soil Management recommendations should apply to this AOC.

AOC 2: AOC 2 was of concern relative to historical coal storage in this area of the Site. Based on soil sampling and laboratory analysis results, all detected compounds in soil and groundwater on this AOC are below respective Commercial Use (CU) Soil Cleanup Objectives (SCO's) and Class GA groundwater quality standards.

AOC 3: The concerns for this AOC are based on its former use as petroleum storage area(s) when Remington Arms used it between 1897 and 1959. Due to high photoionization detector (PID) readings, detected semi-volatile organic compound (SVOC) exceedances for CU SCOs, and volatile organic compound (VOC) Class GA exceedances in groundwater, AOC 3 is impacted with petroleum which may be related to historical petroleum storage and usage in this AOC. The contamination is currently covered and immobile. Soil Management recommendations should apply to this AOC.

AOC 4: The concerns for this AOC are based on its former use as an oil-filled transformer house when Remington Arms used it from 1925 to 1959. Additionally, current oil-filled transformers that predate PCB regulations (pre-1979) are located within this AOC. Based on soil sampling and laboratory analysis results, all detected compounds in soil and groundwater on this AOC are below respective CU SCOs and Class GA groundwater quality standards.

AOC 5: The concerns for this AOC are based on its former use as trench drainage, oil/water separators, and an on-Site wastewater pretreatment plant during factory operations. Based on soil sample results, this AOC has elevated levels of metal present in soil, which are likely associated with fill materials. There were no groundwater standard exceedances identified in this AOC. Soil Management recommendations should apply to this AOC.

AOC 6: The concerns for this AOC are based on its historic use as the Erie Canal, particularly when the canal was relocated and filled between 1912 and 1925. Based on soil sample results, this AOC has elevated levels of metal present in soil, which are likely associated with fill materials. There were no groundwater standard exceedances identified in this AOC. Soil Management recommendations should apply to this AOC.

AOC 7: The concerns for this AOC are based on its historic use as the railroad spurs, with potential risk of spills and leaks from rail cars. Based on soil sample results, this AOC has elevated levels of metal present in soil, which are likely associated with fill materials. There were no groundwater

standard exceedances identified in this AOC. Soil Management recommendations should apply to this AOC.

AOC 8: The concerns for this AOC are based on the former presence of gasoline fueling stations. Based on PID readings and groundwater sample results, AOC 8 has elevated levels of VOCs present in groundwater which are likely related to historic use of this area for petroleum fueling. A spill reported to DEC on August 30, 2024 (Spill # 2405123) will have to be addressed and ultimately closed. This condition exists within an area of a historic closed site petroleum spill and appears to be confined within a small, localized area of the site. Soil Management recommendations should apply to this AOC.

AOC 9: The concerns for this AOC are based on general historic use related to general and/or unidentified industrial use of the Site. Arsenic and benzo(a)pyrene concentrations exceeded NYSDEC Part 375 CU standards. Metal exceedances are likely from non-native material. There are no groundwater exceedances in this AOC. Building 56 lies within AOC 9 and has reported cyanide impacts in soil. Soil Management recommendations should apply to this AOC.

This AOC also included Building 52 where the basement was historically used as a shooting range. A soil sample collected in this former shooting range was found to contain lead at concentrations substantially higher than cleanup and reuse standards. Soil in this basement area should be further investigated to determine the extent of the lead impacted soil area and to characterize the soil for disposal purposes. Access to this basement area should be restricted until the extent of the impact and health concerns for lead exposure to the basement soil and dust have been addressed.

AOC 10: The concerns for this AOC are based on a few small polyethylene-covered soil piles that stockpiled from a previous on-Site soil cleanup. As there was no waste characterization data for HRP's review, the piles were sampled for potential transportation and disposal off-Site. Based on soil sample results, AOC 10 has no CU SCO exceedances. Soil Management recommendations should apply to this AOC.

6.0 REFERENCES

Previous Reports

Published Resources

- Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, October 22, 1993, Reissued June 1998, ERRATA Sheet dated January 1999, Addendum dated April 2000, and Addendum dated February 2023, Division of Water Technical and Operational Guidance Series, New York State Department of Environmental Conservation.

- Cadwell, D.H., et. al., 1987, Surficial Geologic Map of New York, New York State Museum and Science Service, Map and Chart Series No. 40.

- DER-10/ Technical Guidance for Site Investigation and Remediation, May 3, 2010, New York State Department of Environmental Conservation.

- New York State Department of Environmental Conservation, Info Locator. https://dec.ny.gov/maps/interactive-maps/decinfo-locator Accessed 10/15/2024.

- Sanborn Map Company. *Sanborn Fire Insurance Maps: Ilion, Herkimer County, New York.* 1912. Library of Congress. https://www.loc.gov/resource/g3804im.g3804im_g060041912/?sp=1&st=image&r=-0.152,0.04,1.477,0.915,0.

- Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process, January 8, 2020, American Society for Testing and Materials (ASTM)

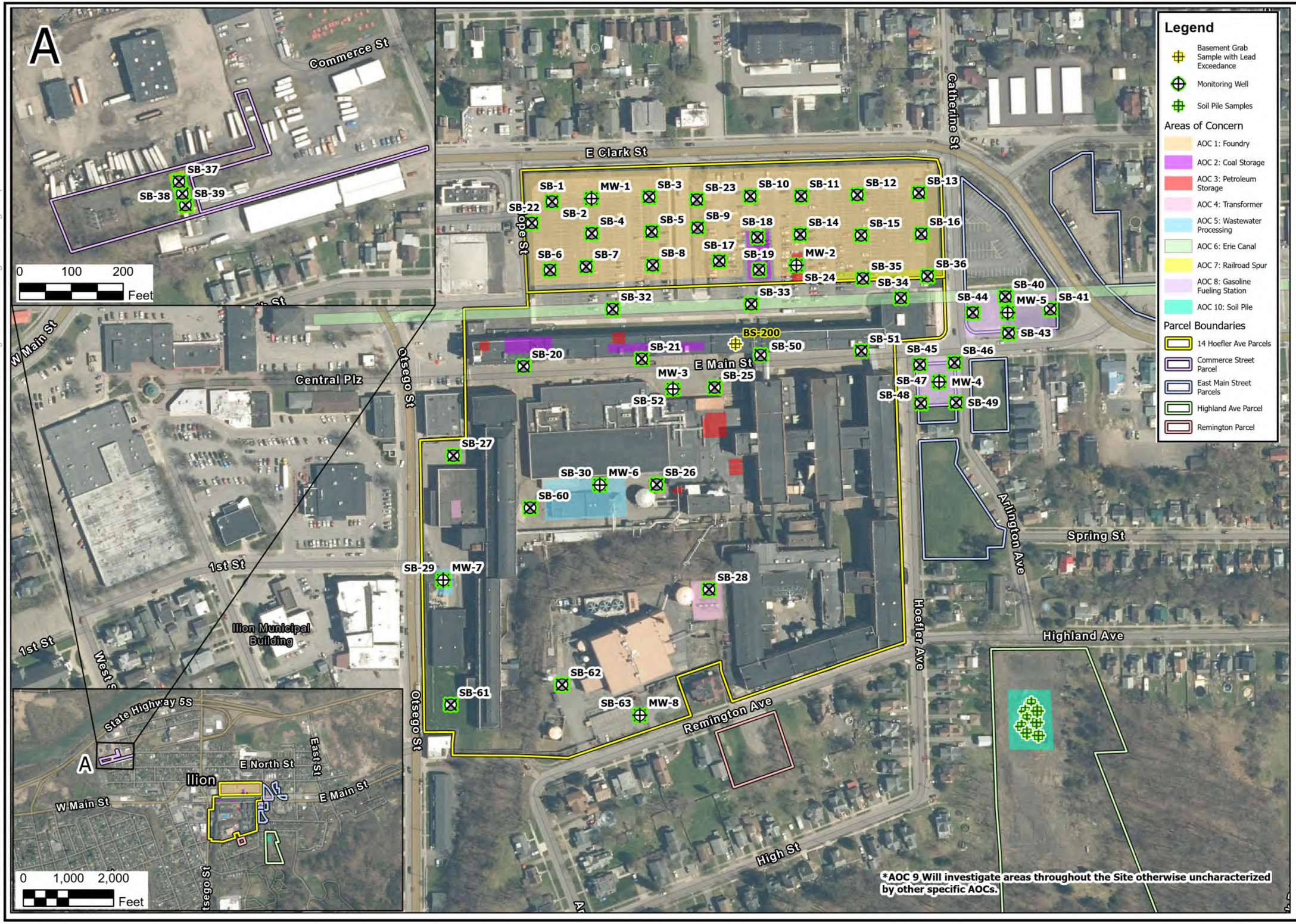
FIGURES



Figure 1
Site Location
Remington Arms
Ilion, New York
HRP # HER15010.P2
Scale 1" = 2,000'

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Date					

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Issue Date: 11/05/2024	Project No: HER1510.P2	Sheet Size: 11x17

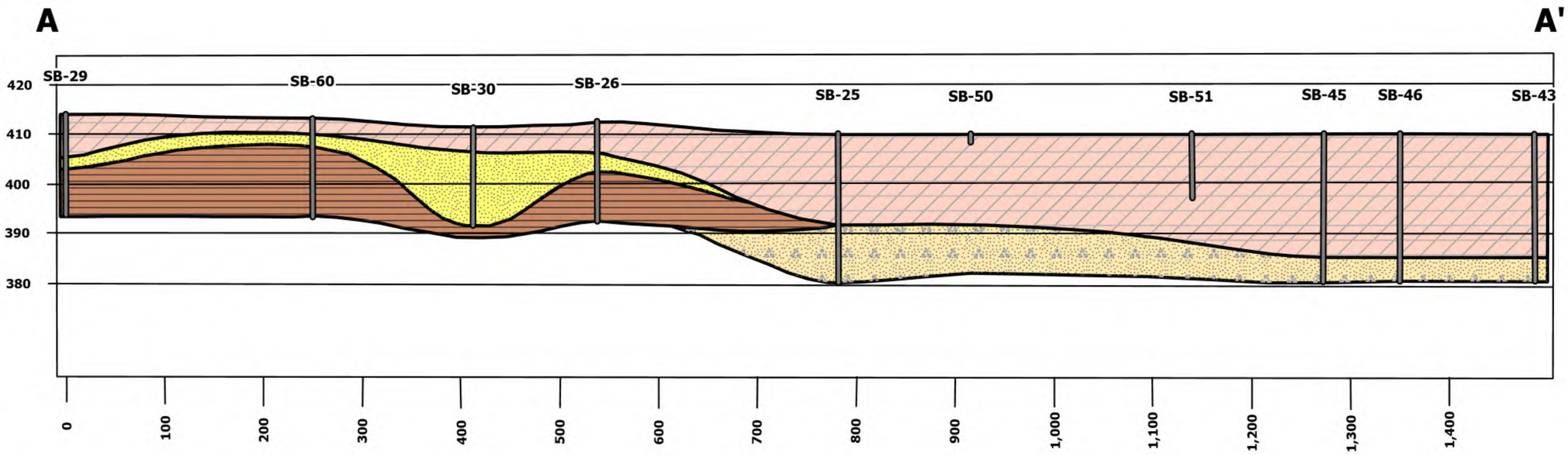
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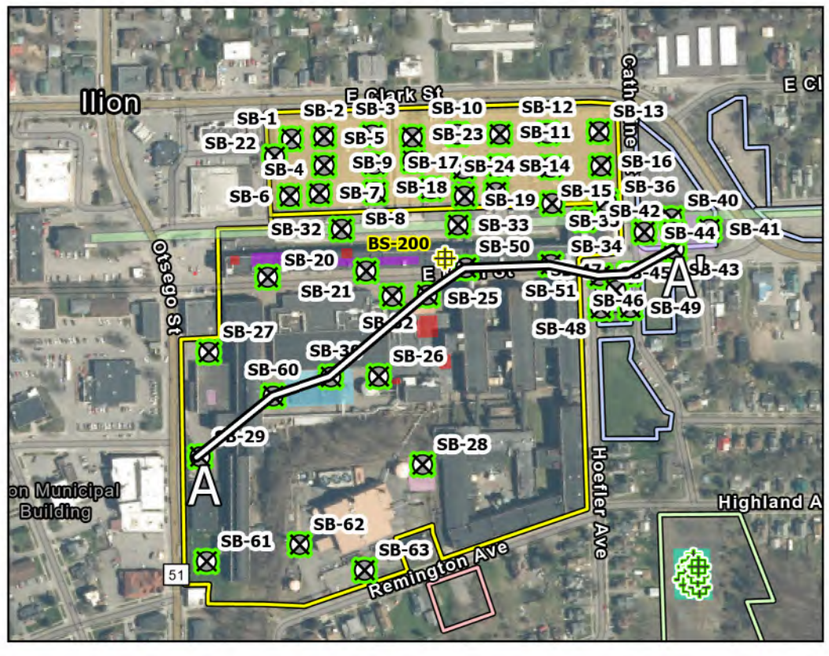
Remington Arms
Ilion, New York

Figure No.

2

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Legend

- Soil Boring
- Fill
- Sand
- Clay
- Sand and Gravel

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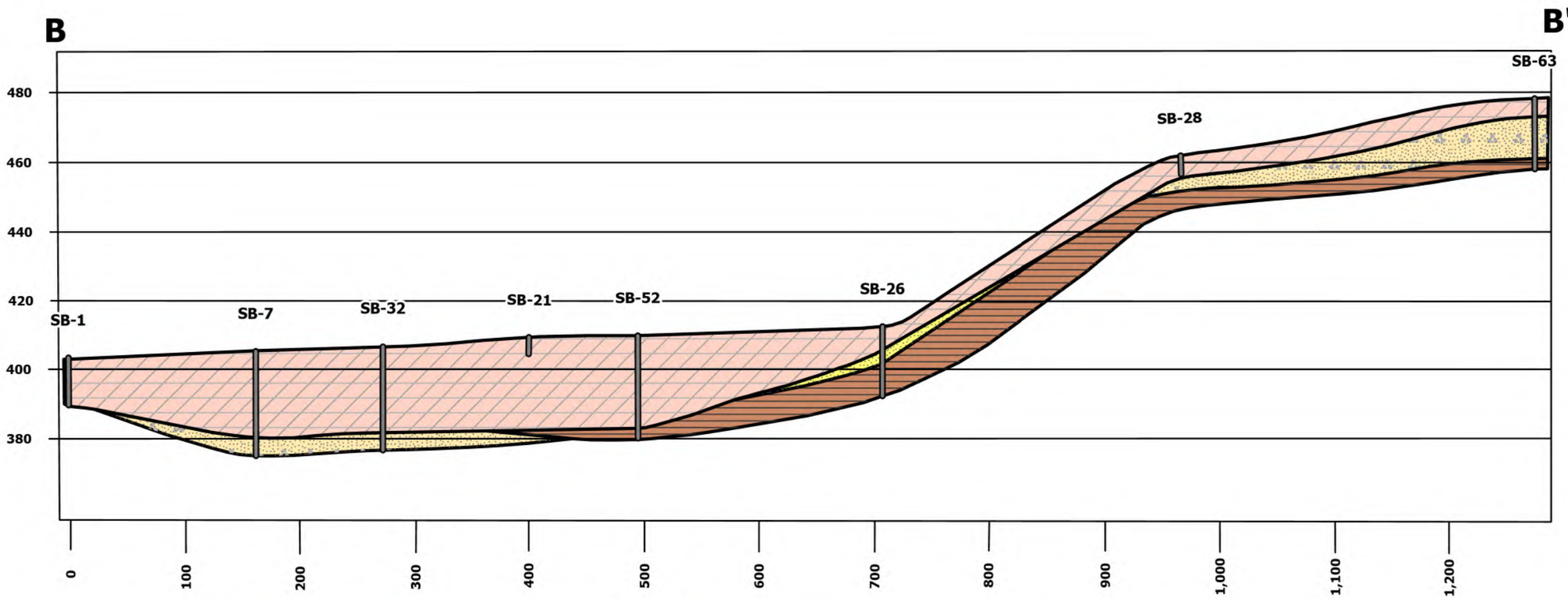
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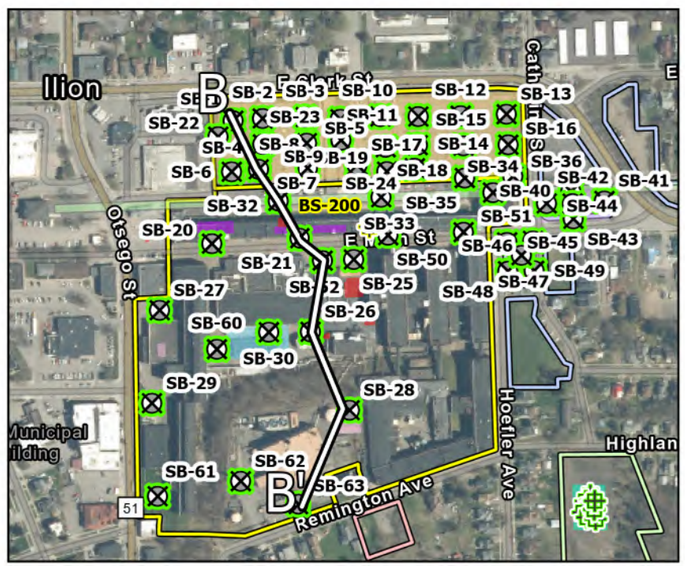
Remington Arms
Ilion, New York

Figure No.

3

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Legend

- Soil Boring
- Fill
- Sand
- Clay
- Sand and Gravel

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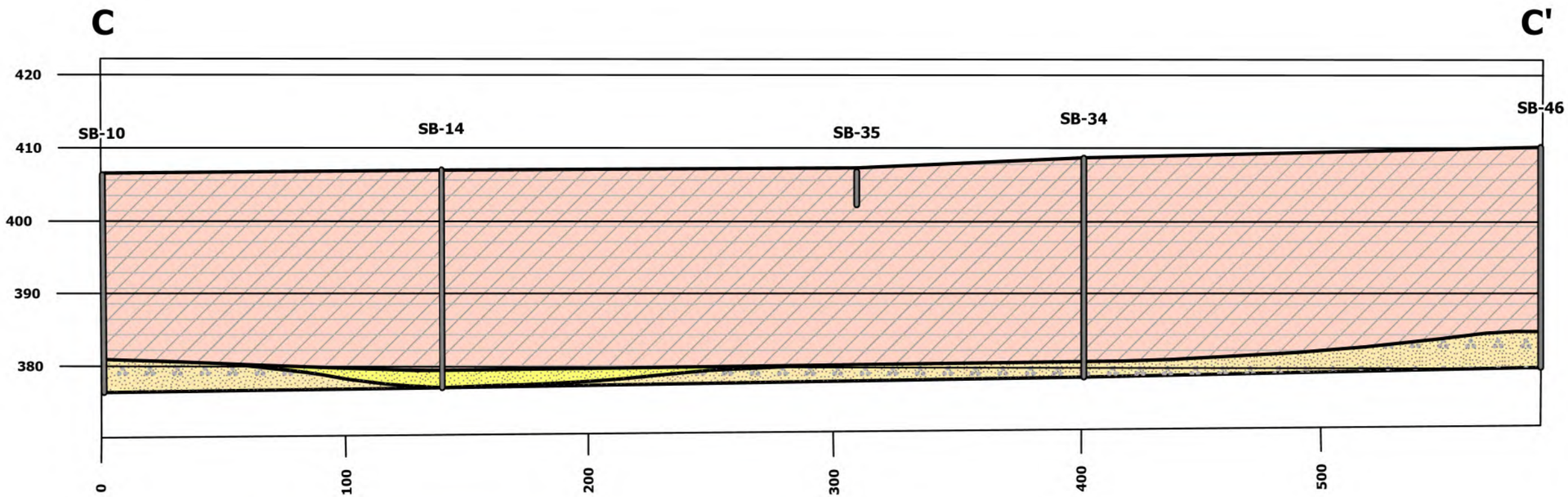
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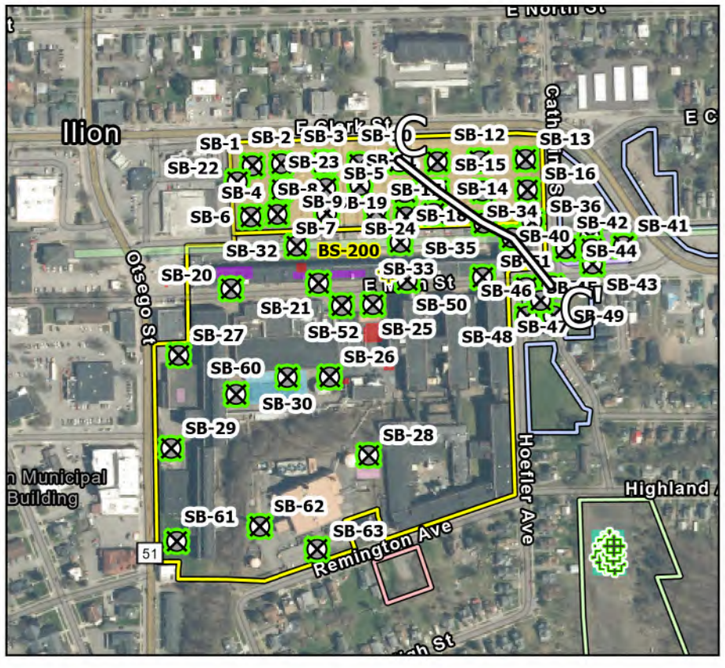
Remington Arms
Ilion, New York

Figure No.

4

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Legend

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- Sand
- Clay
- Sand and Gravel

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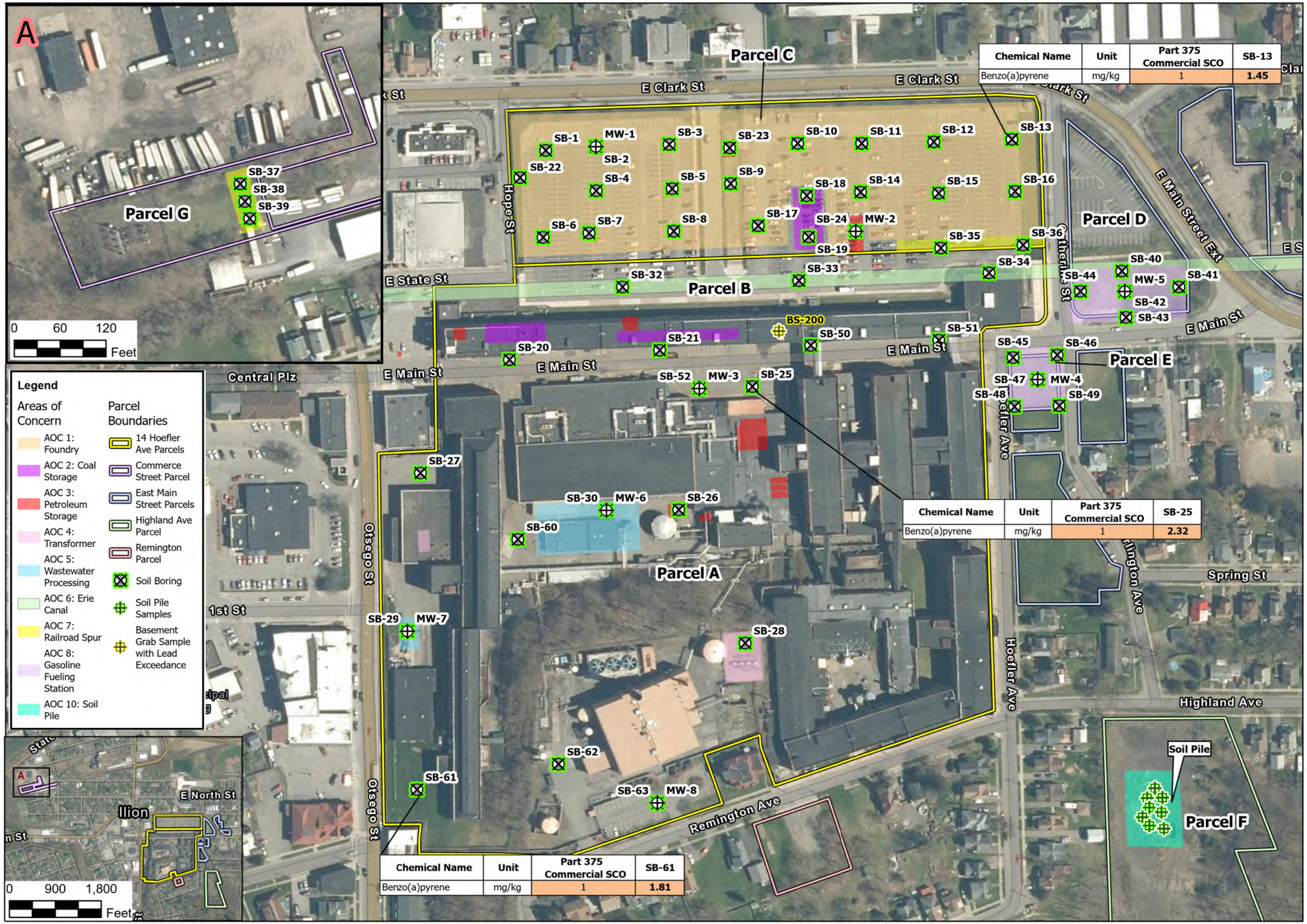
Geologic Cross Section C-C'

Remington Arms
Ilion, New York

Figure No.

5

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Chemical Name	Unit	Part 375 Commercial SCO	SB-13
Benzo(a)pyrene	mg/kg	1	1.45

Chemical Name	Unit	Part 375 Commercial SCO	SB-25
Benzo(a)pyrene	mg/kg	1	2.32

Chemical Name	Unit	Part 375 Commercial SCO	SB-61
Benzo(a)pyrene	mg/kg	1	1.81

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Drawn By: AJN
Reviewed By: CSG

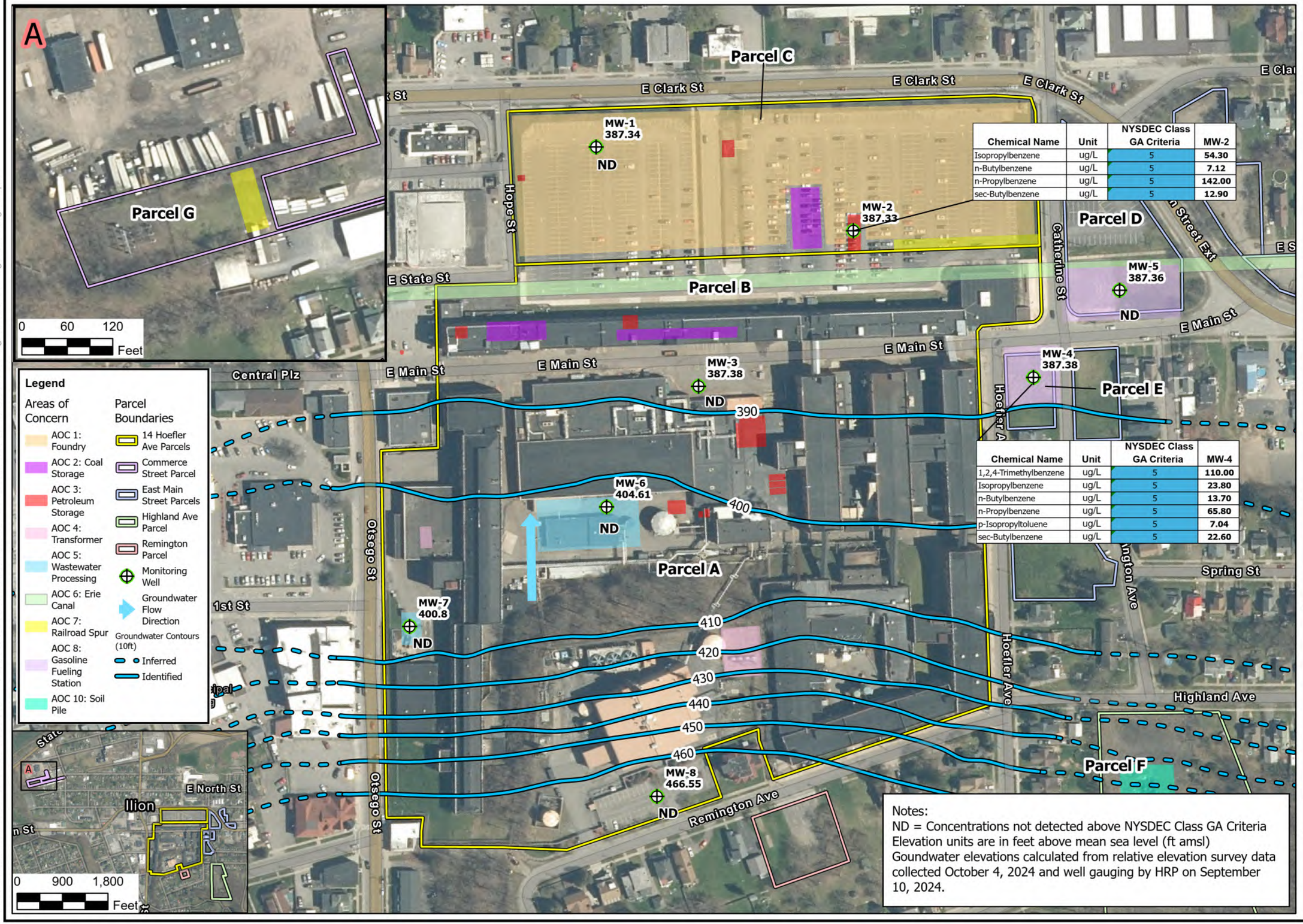
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Soil Cleanup Objective Exceedances in Soil (SVOCs)

Remington Arms
Ilion, New York

Figure No.
6

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Chemical Name	Unit	NYSDEC Class GA Criteria	MW-2
Isopropylbenzene	ug/L	5	54.30
n-Butylbenzene	ug/L	5	7.12
n-Propylbenzene	ug/L	5	142.00
sec-Butylbenzene	ug/L	5	12.90

Chemical Name	Unit	NYSDEC Class GA Criteria	MW-4
1,2,4-Trimethylbenzene	ug/L	5	110.00
Isopropylbenzene	ug/L	5	23.80
n-Butylbenzene	ug/L	5	13.70
n-Propylbenzene	ug/L	5	65.80
p-Isopropyltoluene	ug/L	5	7.04
sec-Butylbenzene	ug/L	5	22.60

Notes:
ND = Concentrations not detected above NYSDEC Class GA Criteria
Elevation units are in feet above mean sea level (ft amsl)
Goundwater elevations calculated from relative elevation survey data collected October 4, 2024 and well gauging by HRP on September 10, 2024.

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North

0 80 160
Feet

Revisions					
No.					
Date					

Designed By: AJN
Drawn By: AJN
Reviewed By: CSG
Issue Date: 11/05/2024
Project No: HER15010.P2
Sheet Size: 11x17

Groundwater Sample Data, Groundwater Contours, and Class GA Exceedances

Remington Arms Ilion, New York

Figure No.

7

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TABLES

Table 1
Summary of Monitoring Well Construction and Relative Groundwater Elevations
Remington Arms, Multiple Parcels
14 Hoefler Avenue, East Main Street, Commerce Street, Highland Avenue
Ilion, New York

Monitoring Well Designation		MW-1	MW-2	MW-3	MW-4
Installation Date		8/29/2024	8/29/2024	9/3/2024	8/29/2024
Relative Top of Casing (ft)		402.06	406.59	406.68	406.4
Screened Interval (ft btoc)		17-27	15-25	17-27	18-28
Well Diameter (in)		2	2	2	2
Measurement Date	Gauging Data				
9/26/2024	Depth to Water (ft btoc)	14.72	19.26	19.3	19.02
	Groundwater Elevation (ft)	387.34	387.33	387.38	387.38
	Corrected LNAPL GW Elevation (ft)	--	--	--	387.22
	Measured Depth to Bottom (ft btoc)	30	30	30	30

Monitoring Well Designation		MW-5	MW-6	MW-7	MW-8
Installation Date		8/30/2024	9/3/2024	9/4/2024	9/9/2024
Relative Top of Casing (ft)		403.78	408.66	412.32	477.86
Screened Interval (ft btoc)		17-27	5-15	4-14	8-18
Well Diameter (in)		2	2	2	2
Measurement Date	Gauging Data				
9/26/2024	Depth to Water (ft btoc)	16.42	4.05	DRY	11.31
	Groundwater Elevation (ft)	387.36	404.61	--	466.55
	Corrected LNAPL GW Elevation (ft)	--	--	--	--
	Measured Depth to Bottom (ft btoc)	30	20	20	20

Notes
ft btoc = feet below top of casing

Table 2
Soil Boring Locations and Soil Sample Summary
Remington Arms, Multiple Parcels
14 Hoefler Avenue, East Main Stree, Commerce Street, Highland Avenue
Ilion, New York

SOIL BORING LOCATION AND SAMPLE SUMMARY							
Area of Concern (AOC)	**Soil Boring ID**	**Total Depth (ft bg)**	**Location**	**Justification**	**Sample Depth (ft bg)**	**Sample Collection Justification**	**Analysis**
AOC 1: Foundry	SB – 1	14 (refusal)	Northwestern portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	12-14	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 2	30	Northwestern portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	0.5-4	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 3	30	Northwestern portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	14-16	Investigate impacts at water table related to historic activities associated with Site use; slightly elevated PID reading (84.0 ppm), odor, grey-black staining	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 4	14 (refusal)	Western portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	0.5-0.25	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 5	30	Western portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	17.5-20	Investigate impacts at water table related to historic activities associated with Site use; slightly elevated PID reading (98.4 ppm), odor, grey-black staining	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 6	30	Southwestern portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	21-23	Investigate impacts at water table related to historic activities associated with Site use; slightly elevated PID reading (19.0 ppm), odor, grey-black staining	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 7	30	Southwestern portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	15-18	Investigate impacts at water table related to historic activities associated with Site use; slightly elevated PID reading (55.8 ppm), odor	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 8	30	Southwestern portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	25-28	Investigate potential impacts to native soil, odor	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 9	30	Central portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	17-20	Investigate impacts at water table related to historic activities associated with Site use; slightly elevated PID reading (36.9 ppm), odor	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 10	30	North-central portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	23-26	Investigate impacts at water table related to historic activities associated with Site use; slightly elevated PID reading (320.6 ppm), odor, grey staining	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 11	30	Northeastern portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	20-23	Investigate impacts at water table related to historic activities associated with Site use; slightly elevated PID reading (140.7 ppm), odor	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 12	12.5 (refusal)	Northeastern portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	10-12	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 13	4 (refusal)	Northeastern portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	2-4	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 14	30	East-central portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	12-15	Investigate impacts at water table related to historic activities associated with Site use; elevated PID reading (1,513 ppm), odor, grey staining	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 15	30	Eastern portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	20-23	Investigate impacts at water table related to historic activities associated with Site use; slightly elevated PID reading (73.5 ppm), odor	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 16	30	Eastern portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	21-24	Investigate impacts at water table related to historic activities associated with Site use; slightly elevated PID reading (63.1 ppm), odor	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 17	30	South-central portion of the former foundry (AOC 1)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations	25-28	Investigate potential impacts to native soil	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 1: Foundry	SB – 18	5	Northern portion of coal storage within Parcel C (AOCs 1 and 2)	Evaluate potential impacts to surface soil associated with the use of the Site for coal storage	2-5	Characterize fill and potential impacts to Site soils from historic fill material	PAHs By EPA Method 8270E PP Metals by EPA Method 6010D
AOC 1: Foundry	SB – 19	5	Southern portion of coal storage within Parcel C (AOCs 1 and 2)	Evaluate potential impacts to surface soil associated with the use of the Site for coal storage	1-3	Characterize fill and potential impacts to Site soils from historic fill material	PAHs By EPA Method 8270E PP Metals by EPA Method 6010D
AOC 2: Coal Storage	SB – 20	5	Along East Main Street within Parcel A; eastern portion of Site, south of former coal storage (AOC 2)	Evaluate potential impacts to surface soil associated with the use of the Site for coal storage	1-2.5	Characterize fill and potential impacts to Site soils from historic fill material	PAHs By EPA Method 8270E PP Metals by EPA Method 6010D
AOC 2: Coal Storage	SB – 21	5	Along East Main Street within Parcel A; central portion of Site, south of former coal storage (AOC 2)	Evaluate potential impacts to surface soil associated with the use of the Site for coal storage	1-2.5	Characterize fill and potential impacts to Site soils from historic fill material	PAHs By EPA Method 8270E PP Metals by EPA Method 6010D
AOC 3: Petroleum Storage	SB – 22	30	Western portion of the former foundry (AOCs 1 and 3)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations and historical use and storage of petroleum products	16-18	Investigate impacts at water table; odor	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 3: Petroleum Storage	SB – 23	30	Northern portion of the former foundry, within former petroleum storage area (AOCs 1 and 3)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations and historical use and storage of petroleum products	18-21	Investigate impacts at water table related to historic activities associated with Site use; elevated PID reading (122.1 ppm), odor	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 3: Petroleum Storage	SB – 24	30	Southeastern portion of the former foundry, within former petroleum storage area (AOCs 1 and 3)	Evaluate potential impacts to soil associated with the use of the Site for historic foundry operations and historical use and storage of petroleum products	23-25	Investigate impacts at water table related to historic activities associated with Site use; elevated PID reading (235.0 ppm), odor	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 3: Petroleum Storage	SB – 25	30	North of former petroleum storage area (AOC 3)	Evaluate potential impacts to soil associated with historical use and storage of petroleum products	1-3	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 3: Petroleum Storage	SB – 26	20	Northwest of former petroleum storage area (AOC 3)	Evaluate potential impacts to soil associated with historical use and storage of petroleum products	5-6	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 4: Transformer	SB – 27	4 (refusal)	Western portion of Parcel A (AOC 4)	Evaluate potential impacts to surface soil associated with the presence of transformers with potential PCB-containing oil	1-3	Characterize fill and potential impacts to Site soils from historic fill material	TCL PCBs by EPA Method 8082
AOC 4: Transformer	SB – 28	5	South-central portion of Parcel A, west of transformer area (AOC 4)	Evaluate potential impacts to surface soil associated with the presence of transformers with potential PCB-containing oil	0.5-2	Characterize fill and potential impacts to Site soils from historic fill material	TCL PCBs by EPA Method 8082
AOC 5: Wastewater Processing	SB – 29	20	Western portion of Parcel A, within wastewater treatment area (AOC 5)	Evaluate potential impacts to soil associated with the discharge of waste materials	1-4	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082
AOC 5: Wastewater Processing	SB – 30	20	Central portion of Parcel A, within wastewater treatment area (AOC 5)	Evaluate potential impacts to soil associated with the discharge of waste materials	4-6	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082

Table 2
Soil Boring Locations and Soil Sample Summary
Remington Arms, Multiple Parcels
14 Hoefler Avenue, East Main Stree, Commerce Street, Highland Avenue
Ilion, New York

SOIL BORING LOCATION AND SAMPLE SUMMARY							
Area of Concern (AOC)	**Soil Boring ID**	**Total Depth (ft bg)**	**Location**	**Justification**	**Sample Depth (ft bg)**	**Sample Collection Justification**	**Analysis**
AOC 7: Railroad Spur	SB – 35	5	Southeastern portion of Parcel C; within footprint of former railroad tracks (AOC 7)	Evaluate potential impacts to surface soil within footprint of former railroad tracks	1-4	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL Herbicides by EPA Method 8151
AOC 7: Railroad Spur	SB – 36	5	Southeastern portion of Parcel C; within footprint of former railroad tracks (AOC 7)	Evaluate potential impacts to surface soil within footprint of former railroad tracks	3-5	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL Herbicides by EPA Method 8151
AOC 7: Railroad Spur	SB – 37	5	Northern portion of Parcel G (AOC 7)	Evaluate potential impacts to surface soil within footprint of former railroad tracks	2.5-3.5	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL Herbicides by EPA Method 8151
AOC 7: Railroad Spur	SB – 38	5	Central portion of Parcel G (AOC 7)	Evaluate potential impacts to surface soil within footprint of former railroad tracks	3-5	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL Herbicides by EPA Method 8151
AOC 7: Railroad Spur	SB – 39	5	Southern portion of Parcel G (AOC 7)	Evaluate potential impacts to surface soil within footprint of former railroad tracks	1.5-3.5	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL Herbicides by EPA Method 8151
AOC 8: Gasoline Fueling Station	SB – 40	30	Northern portion of former gasoline fueling station; Parcel D (AOC 8)	Evaluate potential impacts to soil associated with the historic use of the Site as a gasoline fueling station	22-24	Investigate impacts at water table related to historic activities associated with Site use; elevated PID reading (791.9 ppm), odor, grey staining	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 8: Gasoline Fueling Station	SB – 41	30	Eastern portion of former gasoline fueling station; Parcel D (AOC 8)	Evaluate potential impacts to soil associated with the historic use of the Site as a gasoline fueling station	5-9	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 8: Gasoline Fueling Station	SB – 42	30	Central portion of former gasoline fueling station; Parcel D (AOC 8)	Evaluate potential impacts to soil associated with the historic use of the Site as a gasoline fueling station	20-23	Investigate impacts at water table related to historic activities associated with Site use; odor	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 8: Gasoline Fueling Station	SB – 43	30	Southern portion of former gasoline fueling station; Parcel D (AOC 8)	Evaluate potential impacts to soil associated with the historic use of the Site as a gasoline fueling station	13-15	Investigate impacts above water table related to historic activities associated with Site use; elevated PID reading (976.4 ppm), odor, grey staining	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 8: Gasoline Fueling Station	SB – 44	30	Western portion of former gasoline fueling station; Parcel D (AOC 8)	Evaluate potential impacts to soil associated with the historic use of the Site as a gasoline fueling station	22-25	Investigate impacts at water table related to historic activities associated with Site use; elevated PID reading (326.9 ppm), odor, grey staining	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 8: Gasoline Fueling Station	SB – 45	30	Northwestern portion of former gasoline fueling station; Parcel E (AOC 8)	Evaluate potential impacts to soil associated with the historic use of the Site as a gasoline fueling station	28-30	Investigate potential impacts to native soil	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 8: Gasoline Fueling Station	SB – 46	30	Northeastern portion of former gasoline fueling station; Parcel E (AOC 8)	Evaluate potential impacts to soil associated with the historic use of the Site as a gasoline fueling station	20-23	Investigate impacts at water table related to historic activities associated with Site use; elevated PID reading (511.4 ppm), odor, grey staining	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 8: Gasoline Fueling Station	SB – 47	30	Central portion of former gasoline fueling station; Parcel E (AOC 8)	Evaluate potential impacts to soil associated with the historic use of the Site as a gasoline fueling station	25-27	Investigate impacts above water table related to historic activities associated with Site use; elevated PID reading (1,146 ppm), odor, grey staining	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 8: Gasoline Fueling Station	SB – 48	35	Southwestern portion of former gasoline fueling station; Parcel E (AOC 8)	Evaluate potential impacts to soil associated with the historic use of the Site as a gasoline fueling station	28-31	Investigate potential impacts to native soil	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 8: Gasoline Fueling Station	SB – 49	30	Southeastern portion of former gasoline fueling station; Parcel E (AOC 8)	Evaluate potential impacts to soil associated with the historic use of the Site as a gasoline fueling station	27-30	Investigate potential impacts to native soil	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 9:	SB – 50	0.75 (refusal)	Northern portion of Parcel A; along East Main Street (AOC 9)	Evaluate potential impacts to soil associated with historic Site usage; general Site coverage	N/A	N/A	N/A
AOC 9:	SB – 51	13 (refusal)	Northern portion of Parcel A; along East Main Street (AOC 9)	Evaluate potential impacts to soil associated with historic Site usage; general Site coverage	10-13	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 9:	SB – 52	30	South of East Main Street; central portion of Parcel A (AOC 9)	Evaluate potential impacts to soil associated with historic Site usage; general Site coverage	25-27	Investigate impacts at water table related to historic activities associated with Site use; slightly elevated PID reading (2.1 ppm), odor, grey staining	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 9:	SB – 60	20	West of wastewater treatment building (AOC 9)	Evaluate potential impacts to soil associated with historic Site usage; general Site coverage	3-6	Characterize fill and potential impacts to Site soils from historic fill material; slightly elevated PID reading (14.2 ppm), black staining	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 9:	SB – 61	15 (refusal)	Southwestern portion of Parcel A (AOC 9)	Evaluate potential impacts to soil associated with historic Site usage; general Site coverage	2-5	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 9:	SB – 62	30	Southern portion of Parcel A; west of power plant (AOC 9)	Evaluate potential impacts to soil associated with historic Site usage; general Site coverage	2-5	Characterize fill and potential impacts to Site soils from historic fill material	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 9:	SB – 63	20	Southern portion of Parcel A; south of power plant (AOC 9)	Evaluate potential impacts to soil associated with historic Site usage; general Site coverage	10-12	Investigate potential impacts at water table	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D
AOC 10:	G-1	N/A	Northern portion of Parcel F; Highland Ave Parcel (AOC 10)	Evaluate potential transportation and disposal of waste off-site	N/A	Waste characterization	TCL VOCs by EPA Method 8260
AOC 10:	G-2	N/A	Northern portion of Parcel F; Highland Ave Parcel (AOC 10)	Evaluate potential transportation and disposal of waste off-site	N/A	Waste characterization	TCL VOCs by EPA Method 8260
AOC 10:	G-3	N/A	Northern portion of Parcel F; Highland Ave Parcel (AOC 10)	Evaluate potential transportation and disposal of waste off-site	N/A	Waste characterization	TCL VOCs by EPA Method 8260
AOC 10:	G-4	N/A	Northern portion of Parcel F; Highland Ave Parcel (AOC 10)	Evaluate potential transportation and disposal of waste off-site	N/A	Waste characterization	TCL VOCs by EPA Method 8260
AOC 10:	C-1	N/A	Northern portion of Parcel F; Highland Ave Parcel (AOC 10)	Evaluate potential transportation and disposal of waste off-site	N/A	Waste characterization	TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082 TCL Herbicides by EPA Method 8148
AOC 10:	C-2	N/A	Northern portion of Parcel F; Highland Ave Parcel (AOC 10)	Evaluate potential transportation and disposal of waste off-site	N/A	Waste characterization	TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082 TCL Herbicides by EPA Method 8149
AOC 10:	C-3	N/A	Northern portion of Parcel F; Highland Ave Parcel (AOC 10)	Evaluate potential transportation and disposal of waste off-site	N/A	Waste characterization	TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082 TCL Herbicides by EPA Method 8150
AOC 10:	C-4	N/A	Northern portion of Parcel F; Highland Ave Parcel (AOC 10)	Evaluate potential transportation and disposal of waste off-site	N/A	Waste characterization	TCL SVOCs by EPA Method 8270 PP Metals by EPA Method 6010D TCL PCBs by EPA Method 8082 TCL Herbicides by EPA Method 8151

Table 3
Laboratory Analytical Results - VOCs in Soil (Detections Only)
Remington Arms, Multiple Parcels
14 Hoefler Avenue, East Main Street, Commerce Street, Highland Avenue
Ilion, New York

Location:	Part 375 Unrestricted	Part 375 Restricted Residential	Part 375 Commercial	Part 375 Industrial	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14	SB-15	SB-16	SB-17	SB-22	SB-23	SB-24	SB-25	SB-26	SB-29
Date Collected:					08/26/2024	08/26/2024	08/26/2024	08/27/2024	08/26/2024	08/27/2024	08/27/2024	08/27/2024	09/10/2024	09/10/2024	09/11/2024	09/12/2024	09/12/2024	08/28/2024	09/12/2024	09/12/2024	09/09/2024	08/27/2024	09/10/2024	08/28/2024	08/30/2024	09/03/2024	09/04/2024
Sample Depth (ft bgs):					12-14	0.5-4	14-16	0.5-2.5	17.5-20	21-23	15-18	25-28	17-20	23-26	20-23	10-12	2-4	12-15	20-23	21-24	25-28	16-18	18-21	23-25	1-3	5-6	1-4
Area of Concern (AOC):					AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 3	AOC 3	AOC 3	AOC 3	AOC 3	AOC 5
Volatile Organic Compounds (VOCs) (mg/kg)																											
1,2,3-Trichlorobenzene	NP	NP	NP	NP	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	< 0.00400 U	< 0.00210 U	< 0.00230 U	< 0.00230 U	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	< 0.00260 U	< 0.00270 U	< 0.00290 U	< 0.00240 U	< 0.00220 U	< 0.00270 U	< 0.00260 U	< 0.00280 U	< 0.00240 U	< 0.00270 U
1,2,4-Trichlorobenzene	NP	NP	NP	NP	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	< 0.00400 U	< 0.00210 U	< 0.00230 U	< 0.00230 U	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	< 0.00260 U	< 0.00270 U	< 0.00290 U	< 0.00240 U	< 0.00220 U	< 0.00270 U	< 0.00260 U	< 0.00280 U	< 0.00240 U	< 0.00270 U
1,2,4-Trimethylbenzene	3.6	52	190	380	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	< 0.00400 U	**0.013**	< 0.00230 U	**0.430 E**	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	**21.0 D**	< 0.00270 U	< 0.00290 U	< 0.00240 U	< 0.00220 U	< 0.00270 U	**0.015**	< 0.00280 U	< 0.00240 U	< 0.00270 U
1,2-Dibromo-3-chloropropane	NP	NP	NP	NP	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	< 0.00400 U	< 0.00210 U	**0.00390 J**	< 0.00230 U	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	**0.026**	< 0.00270 U	< 0.00290 U	< 0.00240 U	< 0.00220 U	< 0.00270 U	**0.032**	< 0.00280 U	< 0.00240 U	< 0.00270 U
1,3,5-Trimethylbenzene	8.4	52	190	380	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	< 0.00400 U	< 0.00210 U	< 0.00230 U	**0.015**	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	**0.29**	< 0.00270 U	< 0.00290 U	< 0.00240 U	< 0.00220 U	< 0.00270 U	< 0.00260 U	< 0.00280 U	< 0.00240 U	< 0.00270 U
2-Butanone (MEK)	0.12	100	500	1000	< 0.00370 U	< 0.00420 U	**0.00260 J**	< 0.00250 U	< 0.00400 U	< 0.00210 U	**0.00270 J**	**0.0047**	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	< 0.00260 U	< 0.00270 U	< 0.00290 U	< 0.00240 U	< 0.00220 U	< 0.00270 U	< 0.00260 U	< 0.00280 U	< 0.00240 U	< 0.00270 U
Acetone	0.05	100	500	1000	< 0.00750 U	**0.00570 J**	**0.014**	**0.016**	**0.00780 J**	**0.01**	**0.022**	**0.024**	< 0.00390 U	< 0.00430 U	< 0.00520 U	**0.068**	< 0.00590 U	**0.014**	**0.016**	**0.025**	< 0.00490 U	**0.011**	**0.015**	**0.01**	**0.00850 J**	**0.015**	< 0.00540 U
Acrolein	NP	NP	NP	NP	< 0.00750 U	< 0.00840 U	< 0.00800 U	< 0.00500 U	< 0.00810 U	< 0.00410 U	< 0.00450 U	< 0.00460 U	< 0.00390 U	< 0.00430 U	< 0.00520 U	< 0.00700 U	< 0.00590 U	< 0.00510 U	< 0.00530 U	< 0.00590 U	< 0.00490 U	< 0.00450 U	< 0.00550 U	< 0.00520 U	< 0.00570 U	< 0.00480 U	< 0.00540 U
Benzene	0.06	4.8	44	89	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	< 0.00400 U	< 0.00210 U	< 0.00230 U	< 0.00230 U	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	< 0.00260 U	< 0.00270 U	< 0.00290 U	< 0.00240 U	< 0.00220 U	< 0.00270 U	< 0.00260 U	< 0.00280 U	< 0.00240 U	< 0.00270 U
Chlorobenzene	1.1	100	500	1000	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	< 0.00400 U	**0.00230 J**	< 0.00230 U	< 0.00230 U	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	**0.0068**	< 0.00270 U	< 0.00290 U	< 0.00240 U	< 0.00220 U	< 0.00270 U	< 0.00260 U	< 0.00280 U	< 0.00240 U	< 0.00270 U
Cyclohexane	NP	NP	NP	NP	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	< 0.00400 U	< 0.00210 U	< 0.00230 U	< 0.00230 U	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	< 0.00260 U	< 0.00270 U	**0.03**	< 0.00240 U	< 0.00220 U	< 0.00270 U	< 0.00260 U	< 0.00280 U	< 0.00240 U	< 0.00270 U
Ethylbenzene	1	41	390	780	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	< 0.00400 U	**0.00250 J**	< 0.00230 U	**0.00320 J**	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	**0.016**	< 0.00270 U	< 0.00290 U	< 0.00240 U	< 0.00220 U	< 0.00270 U	**0.00280 J**	< 0.00280 U	< 0.00240 U	< 0.00270 U
Isopropylbenzene	NP	NP	NP	NP	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	**0.00230 J**	**0.16**	< 0.00230 U	**0.026**	< 0.00190 U	< 0.00210 U	< 0.00260 U	**0.32**	< 0.00300 U	**0.095**	**0.062**	**0.058**	< 0.00240 U	< 0.00220 U	< 0.00270 U	**0.17**	< 0.00280 U	< 0.00240 U	< 0.00270 U
m/p-Xylenes	0.26	100	500	1000	< 0.00750 U	< 0.00840 U	< 0.00800 U	< 0.00500 U	< 0.00810 U	**0.00560 J**	< 0.00450 U	**0.023**	< 0.00390 U	< 0.00430 U	< 0.00520 U	< 0.00700 U	< 0.00590 U	**0.044**	< 0.00530 U	< 0.00590 U	< 0.00490 U	< 0.00450 U	< 0.00550 U	**0.00610 J**	< 0.00570 U	< 0.00480 U	< 0.00540 U
Methylcyclohexane	NP	NP	NP	NP	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	< 0.00400 U	< 0.00210 U	< 0.00230 U	**0.00280 J**	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	< 0.00260 U	**0.025**	**0.25**	< 0.00240 U	< 0.00220 U	< 0.00270 U	< 0.00260 U	< 0.00280 U	< 0.00240 U	< 0.00270 U
Methylene chloride	0.05	100	500	1000	**0.00610 J**	**0.00830 J**	**0.00720 J**	< 0.00500 U	**0.0085**	< 0.00410 U	< 0.00450 U	< 0.00460 U	< 0.00390 U	< 0.00430 U	< 0.00520 U	**0.0260 B**	**0.012**	< 0.00510 U	**0.00780 J**	**0.0250 B**	< 0.00490 U	< 0.00450 U	**0.033**	< 0.00520 U	**0.00810 J**	< 0.00480 U	< 0.00540 U
n-Butylbenzene	12	100	500	1000	< 0.00370 U	< 0.00420 U	**0.00270 J**	< 0.00250 U	**0.02**	**0.11**	< 0.00230 U	**0.059**	< 0.00190 U	**0.0055**	< 0.00260 U	< 0.00350 U	< 0.00300 U	**0.14**	**0.13**	**0.21**	< 0.00240 U	< 0.00220 U	**0.011**	**0.13**	< 0.00280 U	< 0.00240 U	< 0.00270 U
n-Propylbenzene	3.9	100	500	1000	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	**0.00220 J**	**0.29**	< 0.00230 U	**0.05**	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	**0.22**	**0.12**	**0.11**	< 0.00240 U	< 0.00220 U	< 0.00270 U	**0.310 E**	< 0.00280 U	< 0.00240 U	< 0.00270 U
o-Xylene	0.26	100	500	1000	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	< 0.00400 U	< 0.00210 U	< 0.00230 U	**0.015**	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	< 0.00260 U	< 0.00270 U	< 0.00290 U	< 0.00240 U	< 0.00220 U	< 0.00270 U	< 0.00260 U	< 0.00280 U	< 0.00240 U	< 0.00270 U
p-cymene (p-isopropyltoluene)	NP	NP	NP	NP	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	< 0.00400 U	< 0.00210 U	< 0.00230 U	**0.012**	< 0.00190 U	< 0.00210 U	< 0.00260 U	**0.280 E**	< 0.00300 U	**0.28**	< 0.00270 U	< 0.00290 U	< 0.00240 U	< 0.00220 U	< 0.00270 U	< 0.00260 U	< 0.00280 U	< 0.00240 U	< 0.00270 U
sec-Butylbenzene	11	100	500	1000	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	**0.012**	**0.13**	< 0.00230 U	**0.024**	< 0.00190 U	**0.009**	< 0.00260 U	< 0.00350 U	< 0.00300 U	**0.16**	**0.068**	**0.17**	< 0.00240 U	< 0.00220 U	**0.009**	**0.15**	< 0.00280 U	< 0.00240 U	< 0.00270 U
tert-Butylbenzene	5.9	100	500	1000	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	< 0.00400 U	**0.014**	< 0.00230 U	< 0.00230 U	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	**0.022**	**0.0069**	**0.025**	< 0.00240 U	< 0.00220 U	< 0.00270 U	**0.016**	< 0.00280 U	< 0.00240 U	< 0.00270 U
Tetrachloroethene	1.3	19	150	300	< 0.00370 U	< 0.00420 U	< 0.00400 U	< 0.00250 U	< 0.00400 U	< 0.00210 U	< 0.00230 U	< 0.00230 U	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	< 0.00260 U	< 0.00270 U	< 0.00290 U	< 0.00240 U	< 0.00220 U	< 0.00270 U	< 0.00260 U	< 0.00280 U	< 0.00240 U	< 0.00270 U
Total Xylenes	0.26	100	500	1000	< 0.0110 U	< 0.0130 U	< 0.0120 U	< 0.00750 U	< 0.0120 U	**0.00720 J**	< 0.00680 U	**0.038**	< 0.00580 U	< 0.00640 U	< 0.00770 U	< 0.0100 U	< 0.00890 U	**0.046**	< 0.00800 U	< 0.00880 U	< 0.00730 U	< 0.00670 U	< 0.00820 U	< 0.00780 U	< 0.00850 U	< 0.00720 U	< 0.00810 U
Trichloroethene	0.47	21	200	400	< 0.00370 U	< 0.00420 U	< 0.00400 U	**0.00340 J**	< 0.00400 U	**0.0054**	**0.0045**	**0.0092**	< 0.00190 U	< 0.00210 U	< 0.00260 U	< 0.00350 U	< 0.00300 U	**0.00460 J**	< 0.00270 U	< 0.00290 U	< 0.00240 U	< 0.00220 U	< 0.00270 U	**0.0055**	< 0.00280 U	< 0.00240 U	< 0.00270 U

Location:	Part 375 Unrestricted	Part 375 Restricted Residential	Part 375 Commercial	Part 375 Industrial	SB-30	SB-35	SB-36	SB-37	SB-38	SB-39	SB-40	SB-41	SB-42	SB-43	SB-44	SB-45	SB-46	SB-47	SB-48	SB-49	SB-51	SB-51	SB-52	SB-60	SB-61	SB-62	SB-63
Date Collected:					09/03/2024	09/12/2024	09/12/2024	09/16/2024	09/16/2024	09/16/2024	09/13/2024	09/13/2024	08/30/2024	09/13/2024	09/13/2024	08/29/2024	08/29/2024	08/29/2024	09/05/2024	09/05/2024	09/05/2024	09/05/2024	08/30/2024	09/03/2024	09/04/2024	09/09/2024	09/09/2024
Sample Depth (ft bgs):					4-6	1-4	3-5	2.5-3.5	3-5	1.5-3.5	22-24	5-9	20-23	13-15	22-25	28-30	20-23	25-27	28-31	27-30	10-13	2-4	25-27	3-6	2-5	2-5	10-12
Area of Concern (AOC):					AOC 5	AOC 7	AOC 7	AOC 7	AOC 7	AOC 7	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 9	AOC 9	AOC 9	AOC 9	AOC 9	AOC 9	AOC 9
Volatile Organic Compounds (VOCs) (mg/kg)																											
1,2,3-Trichlorobenzene	NP	NP	NP	NP	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	**0.00400 J**	< 0.00240 U	< 0.00340 U	< 0.00260 U	< 0.00250 U	< 0.00230 U	< 0.00250 U	< 0.00220 U	< 0.00200 U	< 0.00290 U	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
1,2,4-Trichlorobenzene	NP	NP	NP	NP	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	**0.00380 J**	< 0.00240 U	< 0.00340 U	< 0.00260 U	< 0.00250 U	< 0.00230 U	< 0.00250 U	< 0.00220 U	< 0.00200 U	< 0.00290 U	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
1,2,4-Trimethylbenzene	3.6	52	190	380	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	**2.20 D**	< 0.00340 U	**0.00460 J**	**4.20 D**	< 0.00230 U	< 0.00250 U	**0.430 E**	**0.590 D**	**0.036**	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
1,2-Dibromo-3-chloropropane	NP	NP	NP	NP	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	< 0.00240 U	< 0.00340 U	< 0.00260 U	< 0.00250 U	< 0.00230 U	< 0.00250 U	< 0.00220 U	< 0.00200 U	< 0.00290 U	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
1,3,5-Trimethylbenzene	8.4	52	190	380	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	**0.049**	< 0.00340 U	< 0.00260 U	< 0.00250 U	**0.016**	< 0.00250 U	**0.036**	< 0.00200 U	**0.011**	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
2-Butanone (MEK)	0.12	100	500	1000	< 0.00290 U	< 0.00260 U	< 0.00270 U	**0.0091**	< 0.00340 U	< 0.00370 U	**0.00330 J**	< 0.00340 U	< 0.00260 U	< 0.00250 U	**0.0095**	< 0.00250 U	**0.00320 J**	< 0.00200 U	< 0.00290 U	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	**0.007**	< 0.00290 U	< 0.00330 U	< 0.00300 U
Acetone	0.05	100	500	1000	**0.00820 J**	**0.014**	< 0.00540 U	**0.038**	**0.022**	< 0.00740 U	**0.018**	< 0.00680 U	**0.021**	**0.014**	**0.028**	**0.012**	**0.013**	< 0.00410 U	**0.012**	< 0.00610 U	< 0.00530 U	**0.011**	**0.023**	**0.048**	**0.027**	< 0.00660 U	< 0.00590 U
Acrolein	NP	NP	NP	NP	< 0.00590 U	< 0.00520 U	< 0.00540 U	< 0.00610 U	< 0.00670 U	< 0.00740 U	**0.03**	< 0.00680 U	< 0.00510 U	< 0.00500 U	< 0.00460 U	< 0.00500 U	< 0.00440 U	**0.032**	< 0.00580 U	< 0.00610 U	< 0.00530 U	< 0.00540 U	< 0.00430 U	< 0.00610 U	< 0.00580 U	< 0.00660 U	< 0.00590 U
Benzene	0.06	4.8	44	89	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	< 0.00240 U	< 0.00340 U	< 0.00260 U	< 0.00250 U	< 0.00230 U	< 0.00250 U	< 0.00220 U	**0.00230 J**	< 0.00290 U	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
Chlorobenzene	1.1	100	500	1000	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	< 0.00240 U	< 0.00340 U	< 0.00260 U	< 0.00250 U	< 0.00230 U	< 0.00250 U	< 0.00220 U	**0.014**	< 0.00290 U	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
Cyclohexane	NP	NP	NP	NP	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	**0.24**	< 0.00340 U	**0.0081**	**0.15**	**0.047**	< 0.00250 U	**0.053**	**4.70 D**	**0.11**	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
Ethylbenzene	1	41	390	780	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	< 0.00240 U	< 0.00340 U	< 0.00260 U	< 0.00250 U	**0.037**	< 0.00250 U	< 0.00220 U	**0.0058**	< 0.00290 U	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
Isopropylbenzene	NP	NP	NP	NP	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	**0.11**	< 0.00340 U	< 0.00260 U	**0.28**	**0.041**	< 0.00250 U	**0.011**	**0.2**	< 0.00290 U	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
m/p-Xylenes	0.26	100	500	1000	< 0.00590 U	< 0.00520 U	< 0.00540 U	< 0.00610 U	< 0.00670 U	< 0.00740 U	< 0.00480 U	< 0.00680 U	< 0.00510 U	< 0.00500 U	**0.00720 J**	< 0.00500 U	< 0.00440 U	**0.0093**	< 0.00580 U	< 0.00610 U	< 0.00530 U	< 0.00540 U	< 0.00430 U	< 0.00610 U	< 0.00580 U	< 0.00660 U	< 0.00590 U
Methylcyclohexane	NP	NP	NP	NP	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	**0.057**	< 0.00340 U	< 0.00260 U	**2.60 D**	**0.041**	< 0.00250 U	< 0.00220 U	**0.720 E**	**0.031**	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
Methylene chloride	0.05	100	500	1000	**0.019**	**0.012**	**0.014**	**0.0280 B**	**0.0320 B**	**0.0370 B**	**0.015**	**0.032**	< 0.00510 U	**0.0290 B**	**0.018**	**0.00510 J**	< 0.00440 U	< 0.00410 U	< 0.00580 U	< 0.00610 U	< 0.00530 U	< 0.00540 U	< 0.00430 U	< 0.00610 U	< 0.00580 U	**0.015**	< 0.00590 U
n-Butylbenzene	12	100	500	1000	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	**0.24**	< 0.00340 U	**0.0061**	**0.18**	**0.028**	< 0.00250 U	**0.029**	**0.710 D**	**0.011**	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
n-Propylbenzene	3.9	100	500	1000	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	**0.880 D**	< 0.00340 U	**0.01**	**1.90 D**	**0.18**	< 0.00250 U	**0.065**	**0.890 D**	**0.0089**	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
o-Xylene	0.26	100	500	1000	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	< 0.00240 U	< 0.00340 U	< 0.00260 U	< 0.00250 U	< 0.00230 U	< 0.00250 U	< 0.00220 U	**0.0078**	< 0.00290 U	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
p-cymene (p-isopropyltoluene)	NP	NP	NP	NP	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	**0.097**	< 0.00340 U	< 0.00260 U	**0.0067**	**0.013**	< 0.00250 U	**0.011**	**0.15**	< 0.00290 U	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
sec-Butylbenzene	11	100	500	1000	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	**0.2**	< 0.00340 U	**0.00390 J**	**0.36**	**0.025**	< 0.00250 U	**0.023**	**0.550 D**	**0.00450 J**	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
tert-Butylbenzene	5.9	100	500	1000	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	**0.00280 J**	< 0.00340 U	< 0.00260 U	**0.045**	< 0.00230 U	< 0.00250 U	< 0.00220 U	**0.0066**	< 0.00290 U	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
Tetrachloroethene	1.3	19	150	300	< 0.00290 U	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	< 0.00240 U	< 0.00340 U	< 0.00260 U	< 0.00250 U	< 0.00230 U	< 0.00250 U	< 0.00220 U	< 0.00200 U	< 0.00290 U	**0.019**	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U
Total Xylenes	0.26	100	500	1000	< 0.00880 U	< 0.00780 U	< 0.00820 U	< 0.00920 U	< 0.0100 U	< 0.0110 U	< 0.00720 U	< 0.0100 U	< 0.00770 U	< 0.00750 U	**0.00880 J**	< 0.00750 U	< 0.00650 U	**0.017**	< 0.00880 U	< 0.00920 U	< 0.00790 U	< 0.00810 U	< 0.00650 U	< 0.00920 U	< 0.00870 U	< 0.0100 U	< 0.00890 U
Trichloroethene	0.47	21	200	400	**0.00340 J**	< 0.00260 U	< 0.00270 U	< 0.00310 U	< 0.00340 U	< 0.00370 U	< 0.00240 U	< 0.00340 U	< 0.00260 U	< 0.00250 U	< 0.00230 U	**0.00380 J**	< 0.00220 U	< 0.00200 U	< 0.00290 U	< 0.00310 U	< 0.00260 U	< 0.00270 U	< 0.00220 U	< 0.00310 U	< 0.00290 U	< 0.00330 U	< 0.00300 U

Legend	
<1	Parameter not detcted above the laboratory reporting limit
1	Parameter reported at a concentrations greater than Part 375 Unrestric
1	Parameter reported at a concentrations greater than Part 375 Restricted Residential SCOs
1	Parameter reported at a concentrations greater than Part 375 Commerical SCOs
1	Parameter reported at a concentrations greater than Part 375 Industrial SCOs
1	Parameter reported above the laboratory reporting limit but below the appilicable regulatory standard/criterion

Notes:
ft bg = feet below grade
mg/kg = micrograms per kilogram
NA = Not Analyzed
NP = not promulgated/ no applicable SCO
R = Data are rejected and are not usable for any purpose
SCO Soil Cleanup Objective
ft bg = feet below grade
mg/kg = micrograms per kilogram
NA = Not Analyzed
NP = not promulgated/ no applicable SCO
R = Data are rejected and are not usable for any purpose
SCO Soil Cleanup Objective

Table 4
Laboratory Analytical Results – SVOCs in Soil (Detections Only)
Remington Arms, Multiple Parcels
14 Hoefler Avenue, East Main Street, Commerce Street, Highland Avenue
Ilion, New York

Location:	Part 375 Unrestricted	Part 375 Restricted Residential	Part 375 Commercial	Part 375 Industrial	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14	SB-15	SB-16	SB-17	SB-18	SB-19	SB-20	SB-21	SB-22	SB-23	SB-24	SB-25	SB-26	SB-29
Date Collected:					08/26/2024	08/26/2024	08/26/2024	08/27/2024	08/26/2024	08/27/2024	08/27/2024	08/27/2024	09/10/2024	09/10/2024	09/11/2024	09/12/2024	09/12/2024	08/28/2024	09/12/2024	09/12/2024	09/09/2024	09/10/2024	09/11/2024	09/05/2024	09/05/2024	08/27/2024	09/10/2024	08/28/2024	08/30/2024	09/03/2024	09/04/2024
Sample Depth (ft bgs):					12-14	0.5-4	14-16	0.5-2.5	17.5-20	21-23	15-18	25-28	17-20	23-26	20-23	10-12	2-4	12-15	20-23	21-24	25-28	16-18	18-21	23-25	1-3	5-6	1-4	23-25	1-3	5-6	1-4
Area of Concern (AOC):					AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 2	AOC 2	AOC 3	AOC 3	AOC 3	AOC 3	AOC 3	AOC 5
Semi-Volatile Organic Compounds (SVOCs) (mg/kg)																															
2-Methylnaphthalene	NP	NP	NP	NP	< 0.0868 U	< 0.0989 U	< 0.0877 U	< 0.0533 U	< 0.0875 U	< 0.0453 U	**0.816 D**	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	**0.118 D**	< 0.0476 U	< 0.0447 U	**2.53 D**	**0.0964 D**	< 0.0493 U	< 0.0553 U	< 0.0465 U	< 0.0460 U	< 0.219 U	< 0.0470 U	< 0.0452 U	< 0.0445 U	**0.0610 JD**	< 0.0451 U	< 0.0443 U
Acenaphthene	20	100	500	1000	< 0.0868 U	< 0.0989 U	< 0.0877 U	< 0.0533 U	**0.104 D**	< 0.0453 U	**0.540 D**	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	**0.0804 JD**	< 0.0447 U	**0.393 D**	< 0.0480 U	< 0.0493 U	< 0.0553 U	< 0.0465 U	< 0.0460 U	< 0.219 U	< 0.0470 U	< 0.0452 U	**0.244 D**	**0.143 D**	< 0.0451 U	**0.0685 JD**
Acenaphthylene	100	100	500	1000	< 0.0868 U	< 0.0989 U	< 0.0877 U	< 0.0533 U	< 0.0875 U	< 0.0453 U	**0.310 D**	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	**0.0880 JD**	< 0.0447 U	**0.224 D**	< 0.0480 U	< 0.0493 U	< 0.0553 U	< 0.0465 U	**0.0564 JD**	**0.493 D**	< 0.0470 U	< 0.0452 U	**0.111 D**	**0.570 D**	< 0.0451 U	**0.0452 JD**
Acetophenone	NP	NP	NP	NP	< 0.0868 U	< 0.0989 U	< 0.0877 U	< 0.0533 U	< 0.0875 U	< 0.0453 U	< 0.0444 U	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	< 0.0476 U	**1.72 D**	< 0.0441 U	< 0.0480 U	< 0.0493 U	< 0.0553 U	< 0.0465 U	< 0.0460 U	< 0.219 U	< 0.0470 U	< 0.0452 U	**0.0533 JD**	< 0.0497 U	< 0.0451 U	< 0.0443 U
Anthracene	100	100	500	1000	< 0.0868 U	< 0.0989 U	< 0.0877 U	< 0.0533 U	**0.0720 JD**	< 0.0453 U	**0.470 D**	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	**0.372 D**	< 0.0447 U	**0.257 D**	< 0.0480 U	< 0.0493 U	< 0.0553 U	< 0.0465 U	**0.0748 JD**	< 0.219 U	< 0.0470 U	< 0.0452 U	**0.119 D**	**0.631 D**	< 0.0451 U	**0.234 D**
Benzaldehyde	NP	NP	NP	NP	< 0.0868 U	< 0.0989 U	< 0.0877 U	< 0.0533 U	< 0.0875 U	< 0.0453 U	< 0.0444 U	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	< 0.0476 U	**1.64 D**	< 0.0441 U	< 0.0480 U	< 0.0493 U	< 0.0553 U	< 0.0465 U	< 0.0460 U	< 0.219 U	< 0.0470 U	< 0.0452 U	< 0.0445 U	< 0.0497 U	< 0.0451 U	< 0.0443 U
Benzo(a)anthracene	1	1	5.6	11	< 0.0868 U	**0.159 D**	< 0.0877 U	**0.133 D**	< 0.0875 U	< 0.0453 U	< 0.0444 U	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	**1.39 D**	< 0.0447 U	< 0.0441 U	< 0.0480 U	< 0.0493 U	< 0.0553 U	**0.155 D**	**0.224 D**	**0.227 JD**	< 0.0470 U	< 0.0452 U	< 0.0445 U	**2.36 D**	< 0.0451 U	**0.529 D**
Benzo(a)pyrene	1	1	1	1.1	< 0.0868 U	**0.192 D**	< 0.0877 U	**0.127 D**	< 0.0875 U	< 0.0453 U	< 0.0444 U	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	**1.45 D**	< 0.0447 U	< 0.0441 U	< 0.0480 U	< 0.0493 U	< 0.0553 U	**0.138 D**	**0.174 D**	**0.391 JD**	< 0.0470 U	< 0.0452 U	< 0.0445 U	**2.32 D**	< 0.0451 U	**0.474 D**
Benzo(b)fluoranthene	1	1	5.6	11	< 0.0868 U	**0.340 D**	< 0.0877 U	**0.212 D**	< 0.0875 U	< 0.0453 U	< 0.0444 U	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	**1.40 D**	< 0.0447 U	< 0.0441 U	< 0.0480 U	< 0.0493 U	< 0.0553 U	**0.157 D**	**0.147 D**	**0.325 JD**	< 0.0470 U	< 0.0452 U	< 0.0445 U	**1.83 D**	< 0.0451 U	**0.388 D**
Benzo(ghi)perylene	100	100	500	1000	< 0.0868 U	**0.179 D**	< 0.0877 U	**0.171 D**	< 0.0875 U	< 0.0453 U	< 0.0444 U	**0.0655 JD**	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	**0.922 D**	< 0.0447 U	< 0.0441 U	< 0.0480 U	< 0.0493 U	< 0.0553 U	**0.151 D**	**0.167 D**	**0.402 JD**	< 0.0470 U	< 0.0452 U	< 0.0445 U	**2.04 D**	< 0.0451 U	**0.306 D**
Benzo(k)fluoranthene	0.8	3.9	56	110	< 0.0868 U	**0.130 D**	< 0.0877 U	**0.167 D**	< 0.0875 U	< 0.0453 U	< 0.0444 U	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	**1.06 D**	< 0.0447 U	< 0.0441 U	< 0.0480 U	< 0.0493 U	< 0.0553 U	**0.118 D**	**0.154 D**	**0.220 JD**	< 0.0470 U	< 0.0452 U	< 0.0445 U	**1.84 D**	< 0.0451 U	**0.369 D**
Bis(2-ethylhexyl)phthalate	NP	NP	NP	NP	< 0.0868 U	< 0.0989 U	< 0.0877 U	< 0.0533 U	< 0.0875 U	< 0.0453 U	< 0.0444 U	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	< 0.0476 U	< 0.0447 U	< 0.0441 U	< 0.0480 U	< 0.0493 U	< 0.0553 U	< 0.0465 U	< 0.0460 U	< 0.219 U	< 0.0470 U	< 0.0452 U	< 0.0445 U	< 0.0497 U	< 0.0451 U	< 0.0443 U
Carbazole	NP	NP	NP	NP	< 0.0868 U	< 0.0989 U	< 0.0877 U	< 0.0533 U	< 0.0875 U	< 0.0453 U	**0.0849 JD**	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	**0.178 D**	< 0.0447 U	< 0.0441 U	< 0.0480 U	< 0.0493 U	< 0.0553 U	< 0.0465 U	< 0.0460 U	< 0.219 U	< 0.0470 U	< 0.0452 U	< 0.0445 U	**0.334 D**	< 0.0451 U	**0.103 D**
Chrysene	1	3.9	56	110	< 0.0868 U	**0.258 D**	< 0.0877 U	**0.227 D**	< 0.0875 U	< 0.0453 U	**0.177 D**	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	**1.35 D**	< 0.0447 U	**0.0577 JD**	< 0.0480 U	< 0.0493 U	< 0.0553 U	**0.158 D**	**0.177 D**	**0.325 JD**	< 0.0470 U	< 0.0452 U	< 0.0445 U	**2.45 D**	< 0.0451 U	**0.501 D**
Dibenzo(a,h)anthracene	0.33	0.33	0.56	1.1	< 0.0868 U	< 0.0989 U	< 0.0877 U	**0.0570 JD**	< 0.0875 U	< 0.0453 U	< 0.0444 U	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	**0.307 D**	< 0.0447 U	< 0.0441 U	< 0.0480 U	< 0.0493 U	< 0.0553 U	< 0.0465 U	**0.0572 JD**	< 0.219 U	< 0.0470 U	< 0.0452 U	< 0.0445 U	**0.824 D**	< 0.0451 U	**0.148 D**
Dibenzofuran	7	59	350	1000	< 0.0868 U	< 0.0989 U	< 0.0877 U	< 0.0533 U	< 0.0875 U	< 0.0453 U	**0.639 D**	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	**0.161 D**	< 0.0476 U	< 0.0447 U	**0.540 D**	< 0.0480 U	< 0.0493 U	< 0.0553 U	< 0.0465 U	< 0.0460 U	< 0.219 U	< 0.0470 U	< 0.0452 U	**0.271 D**	**0.109 D**	< 0.0451 U	< 0.0443 U
Di-n-butyl phthalate	NP	NP	NP	NP	< 0.0868 U	< 0.0989 U	< 0.0877 U	< 0.0533 U	< 0.0875 U	< 0.0453 U	< 0.0444 U	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	< 0.0476 U	< 0.0447 U	< 0.0441 U	< 0.0480 U	< 0.0493 U	< 0.0553 U	< 0.0465 U	< 0.0460 U	< 0.219 U	< 0.0470 U	< 0.0452 U	< 0.0445 U	< 0.0497 U	< 0.0451 U	< 0.0443 U
Fluoranthene	100	100	500	1000	< 0.0868 U	**0.555 D**	< 0.0877 U	**0.265 D**	< 0.0875 U	< 0.0453 U	**0.0531 JD**	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	**0.0700 JD**	**2.70 D**	< 0.0447 U	**0.0443 JD**	< 0.0480 U	< 0.0493 U	< 0.0553 U	**0.292 D**	**0.322 D**	**0.259 JD**	< 0.0470 U	< 0.0452 U	< 0.0445 U	**8.27 D**	< 0.0451 U	**1.14 D**
Fluorene	30	100	500	1000	< 0.0868 U	< 0.0989 U	< 0.0877 U	< 0.0533 U	< 0.0875 U	< 0.0453 U	**1.31 D**	< 0.0472 U	< 0.0434 U	< 0.0437 U	**0.110 JD**	**0.0650 JD**	**0.0903 JD**	< 0.0447 U	**0.839 D**	**0.0650 JD**	< 0.0493 U	< 0.0553 U	< 0.0465 U	< 0.0460 U	< 0.219 U	< 0.0470 U	< 0.0452 U	**0.344 D**	**0.188 D**	< 0.0451 U	**0.0812 JD**
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6	11	< 0.0868 U	**0.202 D**	< 0.0877 U	**0.162 D**	< 0.0875 U	< 0.0453 U	< 0.0444 U	**0.0715 JD**	< 0.0434 U	< 0.0437 U	< 0.0877 U	< 0.0523 U	**1.05 D**	< 0.0447 U	< 0.0441 U	< 0.0480 U	< 0.0493 U	< 0.0553 U	**0.138 D**	**0.153 D**	**0.308 JD**	< 0.0470 U	< 0.0452 U	< 0.0445 U	**1.92 D**	< 0.0451 U	**0.291 D**
Naphthalene	12	100	500	1000	< 0.0868 U	< 0.0989 U	< 0.0877 U	< 0.0533 U	< 0.0875 U	< 0.0453 U	**0.155 D**	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	**0.301 D**	< 0.0476 U	**0.0642 JD**	**0.196 D**	< 0.0480 U	< 0.0493 U	< 0.0553 U	< 0.0465 U	< 0.0460 U	< 0.219 U	< 0.0470 U	< 0.0452 U	< 0.0445 U	**0.0902 D**	**0.0689 JD**	< 0.0451 U	< 0.0443 U
Phenanthrene	100	100	500	1000	< 0.0868 U	**0.239 D**	< 0.0877 U	< 0.0533 U	**0.128 D**	< 0.0453 U	**2.16 D**	< 0.0472 U	< 0.0434 U	< 0.0437 U	**0.150 JD**	**0.246 D**	**1.47 D**	< 0.0447 U	**1.08 D**	< 0.0480 U	< 0.0493 U	**0.0679 JD**	**0.160 D**	**0.161 D**	< 0.219 U	< 0.0470 U	< 0.0452 U	**0.318 D**	**3.88 D**	< 0.0451 U	**0.924 D**
Pyrene	100	100	500	1000	< 0.0868 U	**0.405 D**	< 0.0877 U	**0.336 D**	< 0.0875 U	< 0.0453 U	**0.311 D**	< 0.0472 U	< 0.0434 U	< 0.0437 U	< 0.0877 U	**0.0892 JD**	**2.06 D**	< 0.0447 U	**0.210 D**	< 0.0480 U	< 0.0493 U	< 0.0553 U	**0.279 D**	**0.381 D**	**1.02 D**	< 0.0470 U	< 0.0452 U	**0.0739 JD**	**5.70 D**	< 0.0451 U	**0.965 D**

Location:	Part 375 Unrestricted	Part 375 Restricted Residential	Part 375 Commercial	Part 375 Industrial	SB-30	SB-32	SB-33	SB-34	SB-35	SB-36	SB-37	SB-38	SB-39	SB-40	SB-41	SB-42	SB-43	SB-44	SB-45	SB-46	SB-47	SB-48	SB-49	SB-51	SB-51	SB-52	SB-60	SB-61	SB-62	SB-63
Date Collected:					09/03/2024	09/11/2024	09/11/2024	09/11/2024	09/12/2024	09/12/2024	09/16/2024	09/16/2024	09/16/2024	09/13/2024	09/13/2024	08/30/2024	09/13/2024	09/13/2024	08/29/2024	08/29/2024	08/29/2024	09/05/2024	09/05/2024	09/05/2024	09/05/2024	09/05/2024	08/30/2024	09/03/2024	09/04/2024	09/09/2024	09/09/2024
Sample Depth (ft bgs):					4-6	10-12	8-10	25-27	1-4	3-5	2.5-3.5	3-5	1.5-3.5	22-24	5-9	20-23	13-15	22-25	28-30	20-23	25-27	28-31	27-30	10-13	2-4	25-27	3-6	2-5	2-5	10-12
Area of Concern (AOC):					AOC 5	AOC 6	AOC 6	AOC 6	AOC 7	AOC 7	AOC 7	AOC 7	AOC 7	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 9	AOC 9	AOC 9	AOC 9	AOC 9	AOC 9	AOC 9
Semi-Volatile Organic Compounds (SVOCs) (mg/kg)																														
2-Methylnaphthalene	NP	NP	NP	NP	< 0.0492 U	< 0.0460 U	< 0.0484 U	< 0.0890 U	< 0.0438 U	< 0.0457 U	< 0.0523 U	< 0.0503 U	< 0.0576 U	< 0.0462 U	**0.0880 JD**	< 0.0467 U	**0.0483 JD**	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	< 0.0453 U	< 0.0475 U	< 0.0508 U	< 0.0473 U	< 0.0460 U	< 0.0500 U
Acenaphthene	20	100	500	1000	< 0.0492 U	< 0.0460 U	< 0.0484 U	< 0.0890 U	< 0.0438 U	< 0.0457 U	< 0.0523 U	< 0.0503 U	< 0.0576 U	< 0.0462 U	< 0.0484 U	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	< 0.0453 U	< 0.0475 U	< 0.0508 U	< 0.0473 U	< 0.0460 U	< 0.0500 U
Acenaphthylene	100	100	500	1000	**0.0580 JD**	< 0.0460 U	< 0.0484 U	< 0.0890 U	< 0.0438 U	< 0.0457 U	< 0.0523 U	< 0.0503 U	< 0.0576 U	< 0.0462 U	< 0.0484 U	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	**0.0686 JD**	< 0.0475 U	< 0.0508 U	**0.558 D**	< 0.0460 U	< 0.0500 U
Acetophenone	NP	NP	NP	NP	< 0.0492 U	< 0.0460 U	< 0.0484 U	< 0.0890 U	< 0.0438 U	< 0.0457 U	< 0.0523 U	< 0.0503 U	< 0.0576 U	< 0.0462 U	< 0.0484 U	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	< 0.0453 U	< 0.0475 U	< 0.0508 U	< 0.0473 U	< 0.0460 U	< 0.0500 U
Anthracene	100	100	500	1000	**0.103 D**	< 0.0460 U	< 0.0484 U	< 0.0890 U	**0.0783 JD**	< 0.0457 U	< 0.0523 U	**0.0778 JD**	**0.0818 JD**	< 0.0462 U	**0.104 D**	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	**0.0455 JD**	< 0.0475 U	< 0.0508 U	**0.727 D**	< 0.0460 U	< 0.0500 U
Benzaldehyde	NP	NP	NP	NP	< 0.0492 U	< 0.0460 U	< 0.0484 U	< 0.0890 U	< 0.0438 U	< 0.0457 U	< 0.0523 U	< 0.0503 U	< 0.0576 U	< 0.0462 U	< 0.0484 U	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	< 0.0453 U	< 0.0475 U	< 0.0508 U	< 0.0473 U	< 0.0460 U	< 0.0500 U
Benzo(a)anthracene	1	1	5.6	11	**0.347 D**	< 0.0460 U	< 0.0484 U	< 0.0890 U	**0.181 D**	**0.0838 JD**	< 0.0523 U	**0.228 D**	**0.240 D**	< 0.0462 U	**0.286 D**	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	**0.0816 JD**	< 0.0475 U	< 0.0508 U	**2.05 D**	< 0.0460 U	< 0.0500 U
Benzo(a)pyrene	1	1	1.1	1.1	**0.424 D**	< 0.0460 U	< 0.0484 U	< 0.0890 U	**0.152 D**	**0.0706 JD**	< 0.0523 U	**0.182 D**	**0.167 D**	< 0.0462 U	**0.346 D**	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	**0.0895 JD**	< 0.0475 U	< 0.0508 U	**1.81 D**	< 0.0460 U	< 0.0500 U
Benzo(b)fluoranthene	1	1	5.6	11	**0.318 D**	< 0.0460 U	< 0.0484 U	< 0.0890 U	**0.136 D**	**0.0553 JD**	< 0.0523 U	**0.168 D**	**0.141 D**	< 0.0462 U	**0.283 D**	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	**0.0758 JD**	< 0.0475 U	< 0.0508 U	**1.68 D**	< 0.0460 U	< 0.0500 U
Benzo(ghi)perylene	100	100	500	1000	**0.296 D**	< 0.0460 U	< 0.0484 U	< 0.0890 U	**0.117 D**	< 0.0457 U	< 0.0523 U	< 0.0503 U	**0.105 JD**	< 0.0462 U	**0.216 D**	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	**0.131 D**	< 0.0475 U	< 0.0508 U	**1.17 D**	< 0.0460 U	< 0.0500 U
Benzo(k)fluoranthene	0.8	3.9	56	110	**0.317 D**	< 0.0460 U	< 0.0484 U	< 0.0890 U	**0.140 D**	**0.0583 JD**	< 0.0523 U	**0.156 D**	**0.159 D**	< 0.0462 U	**0.301 D**	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	**0.0693 JD**	< 0.0475 U	< 0.0508 U	**1.40 D**	< 0.0460 U	< 0.0500 U
Bis(2-ethylhexyl)phthalate	NP	NP	NP	NP	< 0.0492 U	< 0.0460 U	< 0.0484 U	< 0.0890 U	< 0.0438 U	< 0.0457 U	< 0.0523 U	< 0.0503 U	< 0.0576 U	< 0.0462 U	< 0.0484 U	< 0.0467 U	**0.137 D**	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	< 0.0453 U	< 0.0475 U	< 0.0508 U	< 0.0473 U	**0.0535 JD**	< 0.0500 U
Carbazole	NP	NP	NP	NP	< 0.0492 U	< 0.0460 U	< 0.0484 U	< 0.0890 U	< 0.0438 U	< 0.0457 U	< 0.0523 U	< 0.0503 U	< 0.0576 U	< 0.0462 U	< 0.0484 U	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	< 0.0453 U	< 0.0475 U	< 0.0508 U	**0.250 D**	< 0.0460 U	< 0.0500 U
Chrysene	1	3.9	56	110	**0.368 D**	< 0.0460 U	< 0.0484 U	< 0.0890 U	**0.189 D**	**0.0772 JD**	< 0.0523 U	**0.195 D**	**0.208 D**	< 0.0462 U	**0.319 D**	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	**0.0859 JD**	< 0.0475 U	< 0.0508 U	**1.47 D**	< 0.0460 U	< 0.0500 U
Dibenzo(a,h)anthracene	0.33	0.33	0.56	1.1	**0.150 D**	< 0.0460 U	< 0.0484 U	< 0.0890 U	< 0.0438 U	< 0.0457 U	< 0.0523 U	< 0.0503 U	< 0.0576 U	< 0.0462 U	**0.0722 JD**	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	< 0.0453 U	< 0.0475 U	< 0.0508 U	**0.552 D**	< 0.0460 U	< 0.0500 U
Dibenzofuran	7	59	350	1000	< 0.0492 U	< 0.0460 U	< 0.0484 U	< 0.0890 U	< 0.0438 U	< 0.0457 U	< 0.0523 U	< 0.0503 U	< 0.0576 U	< 0.0462 U	< 0.0484 U	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	< 0.0453 U	< 0.0475 U	< 0.0508 U	**0.183 D**	< 0.0460 U	< 0.0500 U
Di-n-butyl phthalate	NP	NP	NP	NP	< 0.0492 U	< 0.0460 U	< 0.0484 U	< 0.0890 U	< 0.0438 U	< 0.0457 U	< 0.0523 U	**0.107 D**	< 0.0576 U	< 0.0462 U	< 0.0484 U	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	< 0.0453 U	< 0.0475 U	< 0.0508 U	< 0.0473 U	< 0.0460 U	< 0.0500 U
Fluoranthene	100	100	500	1000	**0.768 D**	**0.0741 JD**	< 0.0484 U	< 0.0890 U	**0.426 D**	**0.162 D**	< 0.0523 U	**0.404 D**	**0.457 D**	< 0.0462 U	**0.515 D**	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	**0.144 D**	< 0.0475 U	< 0.0508 U	**5.19 D**	< 0.0460 U	< 0.0500 U
Fluorene	30	100	500	1000	< 0.0492 U	< 0.0460 U	< 0.0484 U	< 0.0890 U	< 0.0438 U	< 0.0457 U	< 0.0523 U	< 0.0503 U	< 0.0576 U	< 0.0462 U	< 0.0484 U	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	< 0.0453 U	< 0.0475 U	< 0.0508 U	**0.165 D**	< 0.0460 U	< 0.0500 U
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6	11	**0.284 D**	< 0.0460 U	< 0.0484 U	< 0.0890 U	**0.117 D**	< 0.0457 U	< 0.0523 U	**0.109 D**	**0.108 JD**	< 0.0462 U	**0.249 D**	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	**0.0974 D**	< 0.0475 U	< 0.0508 U	**1.23 D**	< 0.0460 U	< 0.0500 U
Naphthalene	12	100	500	1000	< 0.0492 U	< 0.0460 U	< 0.0484 U	< 0.0890 U	< 0.0438 U	< 0.0457 U	< 0.0523 U	< 0.0503 U	< 0.0576 U	< 0.0462 U	**0.138 D**	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	< 0.0453 U	< 0.0475 U	< 0.0508 U	**0.0589 JD**	< 0.0460 U	< 0.0500 U
Phenanthrene	100	100	500	1000	**0.341 D**	< 0.0460 U	< 0.0484 U	< 0.0890 U	**0.373 D**	**0.154 D**	< 0.0523 U	**0.230 D**	**0.287 D**	< 0.0462 U	**0.410 D**	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	< 0.0453 U	< 0.0475 U	< 0.0508 U	**3.80 D**	< 0.0460 U	< 0.0500 U
Pyrene	100	100	500	1000	**0.506 D**	**0.0550 JD**	< 0.0484 U	< 0.0890 U	**0.418 D**	**0.129 D**	< 0.0523 U	**0.370 D**	**0.371 D**	< 0.0462 U	**0.452 D**	< 0.0467 U	< 0.0481 U	< 0.0465 U	< 0.0462 U	< 0.0458 U	< 0.0450 U	< 0.0487 U	< 0.0509 U	< 0.0438 U	**0.148 D**	< 0.0475 U	< 0.0508 U	**3.69 D**	< 0.0460 U	< 0.0500 U

Legend	
<1	Parameter not detcted above the laboratory reporting limit
1	Parameter reported at a concentrations greater than Part 375 Unrestricted SC
1	Parameter reported at a concentrations greater than Part 375 Restricted Residential SCOs
1	Parameter reported at a concentrations greater than Part 375 Commerical SCOs
1	Parameter reported at a concentrations greater than Part 375 Industrial SCOs
1	Parameter reported above the laboratory reporting limit but below the applicable regulatory standard/criterion

Notes:
ft bg = feet below grade
mg/kg = micrograms per kilogram
NA = Not Analyzed
NP = not promulgated/ no applicable SCO
R = Data are rejected and are not usable for any purpose
SCO Soil Cleanup Objective

Table 5
Laboratory Analytical Results – Metals in Soil (Detections Only)
Remington Arms, Multiple Parcels
14 Hoefler Avenue, East Main Street, Commerce Street, Highland Avenue
Ilion, New York

Location:	Part 375 Unrestricted	Part 375 Restricted Residential	Part 375 Commercial	Part 375 Industrial	BS-200	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14	SB-15	SB-16	SB-17	SB-18	SB-19	SB-20	SB-21	SB-22	SB-23	SB-24	SB-25	SB-26
Date Collected:					09/16/2024	08/26/2024	08/26/2024	08/26/2024	08/27/2024	08/26/2024	08/27/2024	08/27/2024	08/27/2024	09/10/2024	09/10/2024	09/11/2024	09/12/2024	09/12/2024	08/28/2024	09/12/2024	09/12/2024	09/09/2024	09/10/2024	09/11/2024	09/05/2024	09/05/2024	08/27/2024	09/10/2024	08/28/2024	08/30/2024	09/03/2024
Sample Depth (ft bgs):					BS-200	12-14	0.5-4	14-16	0.5-2.5	17.5-20	21-23	15-18	25-28	17-20	23-26	20-23	10-12	2-4	12-15	20-23	21-24	25-28	2-5	1-3	1-2.5	1-2.5	16-18	18-21	23-25	1-3	5-6
Area of Concern (AOC):					AOC-6	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 2	AOC 2	AOC 3	AOC 3	AOC 3	AOC 3	AOC 3
Metals (mg/kg)																															
Antimony	NP	NP	NP	NP	NA	< 1.82 U	**2.95**	< 1.84 U	< 2.24 U	< 1.83 U	< 1.90 U	< 1.87 U	< 1.97 U	< 1.84 U	< 1.87 U	< 1.91 U	< 2.20 U	< 2.03 U	< 1.88 U	< 1.86 U	< 2.02 U	< 2.08 U	< 2.36 U	< 1.94 U	< 1.91 U	< 1.83 U	< 1.98 U	< 1.88 U	< 1.87 U	< 2.08 U	< 2.29 U
Arsenic	13	16	16	16	**8.08**	**17.5**	**19.8**	**11.9**	**19.3**	**21.6**	**10.4**	**11.8**	**8.91**	**18.8**	**25.6**	**14.1**	**5.27**	**9.38**	**20.8**	**15.7**	**17.9**	**12.8**	**66.2**	**18.3**	**11.6**	**3.82**	**7.12**	**27.9**	**14.7**	**9.4**	**9.02**
Barium	350	400	400	10000	**10**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	7.2	72	590	2700	NA	**0.34**	**0.547**	**0.3**	**0.923**	**0.273**	**0.396**	**0.345**	**0.468**	**0.062**	< 0.0380 U	< 0.0390 U	**0.359**	**0.449**	**0.478**	**0.107**	**0.213**	< 0.0420 U	**0.724**	< 0.0390 U	**0.046**	< 0.0370 U	**0.286**	< 0.0380 U	**0.35**	**0.340 B**	**0.253**
Cadmium	2.5	4.3	9.3	60	< 0.251 U	< 0.218 U	**1.6**	< 0.221 U	< 0.269 U	< 0.220 U	< 0.229 U	< 0.224 U	< 0.237 U	< 0.221 U	< 0.224 U	< 0.229 U	< 0.264 U	**0.44**	**0.311**	< 0.223 U	< 0.242 U	< 0.249 U	**0.294**	**0.326**	< 0.230 U	< 0.219 U	< 0.237 U	< 0.226 U	< 0.225 U	< 0.250 U	**0.66**
Chromium	30	110	400	800	**3.03**	**18.3**	**23.4**	**15.3**	**25.6**	**13.7**	**13.2**	**10.4**	**12.8**	**15.6**	**21.4**	**15.9**	**19**	**17.1**	**14.8**	**14.1**	**15.8**	**9.39**	**15.8**	**10.8**	**12.1**	**6.26**	**7.47**	**16.6**	**9.71**	**13**	**18.7**
Copper	50	270	270	10000	NA	**46.5**	**1840**	**34.6**	**68.7**	**31.6**	**15.5**	**25.8**	**20.6**	**32.2**	**47.5**	**47.7**	**16.5**	**84.8**	**23.1**	**31.4**	**44.9**	**18**	**119**	**76.2**	**60.4**	**13.5**	**17.7**	**45.9**	**16.6**	**26**	**36.9**
Lead	63	400	1000	3900	**21900 D**	**10.5**	**239**	**14.3**	**46.5**	**13.5**	**5.82**	**8.41**	**8.22**	**11.2**	**7.7**	**8.32**	**10.8**	**469**	**14.7**	**6.88**	**8.22**	**6.46**	**68.8**	**35.2**	**73.7**	**30.2**	**7.82**	**8.71**	**7.01**	**38.2**	**23.9**
Mercury	0.18	0.81	2.8	5.7	< 0.0301 U	< 0.0314 U	**0.165**	< 0.0318 U	**0.0855**	< 0.0317 U	< 0.0329 U	< 0.0323 U	< 0.0341 U	< 0.0318 U	< 0.0323 U	**0.209**	**0.0635**	**0.575**	< 0.0325 U	< 0.0322 U	< 0.0349 U	< 0.0359 U	**1.3**	**0.0574**	**0.211**	**0.0342**	< 0.0342 U	< 0.0325 U	< 0.0324 U	**0.53**	**0.0447**
Nickel	30	310	310	10000	NA	**18.4**	**235**	**18.5**	**31**	**14.1**	**9.45**	**10.4**	**14.5**	**17.4**	**16.8**	**17.1**	**10.9**	**26.7**	**13.4**	**13.5**	**17.2**	**11.9**	**66**	**31**	**14.9**	**8.1**	**9.62**	**15.1**	**8.94**	**15**	**27.3**
Selenium	3.9	180	1500	6800	< 2.09 U	< 1.82 U	< 2.07 U	< 1.84 U	**2.64**	< 1.83 U	< 1.90 U	< 1.87 U	< 1.97 U	< 1.84 U	< 1.87 U	< 1.91 U	< 2.20 U	< 2.03 U	< 1.88 U	< 1.86 U	< 2.02 U	< 2.08 U	**13.8**	< 1.94 U	< 1.91 U	< 1.83 U	< 1.98 U	< 1.88 U	< 1.87 U	< 2.08 U	< 2.29 U
Silver	2	180	1500	6800	**0.877**	< 0.367 U	< 0.418 U	< 0.371 U	< 0.453 U	< 0.370 U	**0.659**	< 0.376 U	< 0.398 U	< 0.371 U	< 0.377 U	< 0.385 U	< 0.444 U	< 0.410 U	< 0.379 U	< 0.375 U	< 0.407 U	< 0.418 U	< 0.475 U	< 0.391 U	< 0.386 U	< 0.368 U	< 0.398 U	< 0.379 U	< 0.378 U	< 0.420 U	< 0.462 U
Zinc	109	10000	10000	10000	NA	**92.2**	**939**	**71.7**	**116**	**73**	**40.7**	**55**	**54.5**	**70.7**	**107**	**73.9**	**143**	**324**	**76.9**	**56.8**	**77.5**	**41.7**	**168**	**74.4**	**78.6**	**27.7**	**33.9**	**92.8**	**45.5**	**29.5**	**69.7**

Location:	Part 375 Unrestricted	Part 375 Restricted Residential	Part 375 Commercial	Part 375 Industrial	SB-29	SB-30	SB-32	SB-33	SB-34	SB-35	SB-36	SB-37	SB-38	SB-39	SB-40	SB-41	SB-42	SB-43	SB-44	SB-45	SB-46	SB-47	SB-48	SB-49	SB-51	SB-51	SB-52	SB-60	SB-61	SB-62	SB-63
Date Collected:					09/04/2024	09/03/2024	09/11/2024	09/11/2024	09/11/2024	09/12/2024	09/12/2024	09/16/2024	09/16/2024	09/16/2024	09/13/2024	09/13/2024	08/30/2024	09/13/2024	09/13/2024	08/29/2024	08/29/2024	08/29/2024	09/05/2024	09/05/2024	09/05/2024	09/05/2024	08/30/2024	09/03/2024	09/04/2024	09/09/2024	09/09/2024
Sample Depth (ft bgs):					1-4	4-6	10-12	8-10	25-27	1-4	3-5	2.5-3.5	3-5	1.5-3.5	22-24	5-9	20-23	13-15	22-25	28-30	20-23	25-27	28-31	27-30	10-13	2-4	25-27	3-6	2-5	2-5	10-12
Area of Concern (AOC):					AOC 5	AOC 5	AOC 6	AOC 6	AOC 6	AOC 7	AOC 7	AOC 7	AOC 7	AOC 7	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 8	AOC 9	AOC 9	AOC 9	AOC 9	AOC 9	AOC 9	AOC 9
Metals (mg/kg)																															
Antimony	NP	NP	NP	NP	**4.18**	**2.1**	< 1.94 U	< 2.02 U	< 1.94 U	< 1.84 U	< 1.92 U	< 2.19 U	< 2.11 U	< 2.42 U	< 1.93 U	**3.14**	< 1.96 U	< 2.00 U	< 1.94 U	< 1.94 U	< 1.92 U	< 1.89 U	< 2.03 U	< 2.12 U	< 1.83 U	< 1.89 U	< 1.99 U	**14**	< 2.41 U	< 1.93 U	< 2.10 U
Arsenic	13	16	16	16	**10**	**17.4**	**10.7**	**8.48**	**17.7**	**3.86**	**8.88**	**10.6**	**20.9**	**114**	**18.3**	**3.59**	**11.5**	**6.91**	**20.6**	**7.28**	**15.4**	**14.8**	**8.18**	**7.39**	**9.2**	**15.4**	**18**	**21.1**	**2.89**	**15.4**	**2.95**
Barium	350	400	400	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	7.2	72	590	2700	< 0.0450 U	**0.649**	< 0.0390 U	< 0.0410 U	< 0.0390 U	**0.124**	**0.257**	**0.327**	**0.192**	**0.279**	**0.611 B**	**0.175 B**	**0.254 B**	**0.553 B**	**0.539 B**	**0.251 B**	**0.360 B**	**0.389 B**	< 0.0410 U	< 0.0430 U	< 0.0370 U	**0.118**	**0.493**	**0.422**	< 0.0490 U	< 0.0390 U	< 0.0420 U
Cadmium	2.5	4.3	9.3	60	**1.16**	< 0.250 U	< 0.233 U	**1.85**	< 0.232 U	< 0.221 U	< 0.230 U	< 0.263 U	**0.85**	< 0.290 U	**1.35**	**0.281**	< 0.235 U	**0.607**	**1.11**	< 0.233 U	< 0.231 U	< 0.226 U	< 0.244 U	< 0.255 U	< 0.219 U	< 0.226 U	< 0.239 U	< 0.310 U	< 0.289 U	< 0.232 U	< 0.252 U
Chromium	30	110	400	800	**9.03**	**20.7**	**17.9**	**41.8**	**16.8**	**6.22**	**15**	**12.2**	**18.1**	**10.8**	**13.2**	**9.23**	**16.3**	**13.6**	**12.1**	**10.8**	**12.8**	**12.9**	**9.94**	**9.02**	**17.1**	**25.8**	**11.3**	**10.5**	**21**	**17**	**4.66**
Copper	50	270	270	10000	**644**	**53.4**	**38.1**	**2390**	**32.7**	**23.3**	**35.5**	**68.1**	**90.5**	**82.3**	**41.9**	**39.1**	**39**	**30.1**	**31.3**	**22.7**	**29.1**	**32.8**	**19.5**	**20.1**	**32.8**	**42.3**	**24.5**	**81.3**	**10.1**	**43.5**	**11.8**
Lead	63	400	1000	3900	**1140**	**293**	**16.3**	**120**	**8.03**	**5.86**	**49.2**	**46.4**	**264**	**77.4**	**29.5 B**	**76.9 B**	**7.24**	**10.5 B**	**11.1 B**	**5.96**	**8.55**	**12**	**5.53**	**7.98**	**10.2**	**50.6**	**8.54**	**758**	**10.7**	**12.6**	**2.55**
Mercury	0.18	0.81	2.8	5.7	**0.649**	**0.719**	**0.0391**	< 0.0350 U	< 0.0335 U	< 0.0319 U	**0.659**	**0.0655**	**0.25**	**0.27**	< 0.0333 U	**0.0805**	< 0.0339 U	< 0.0346 U	< 0.0335 U	< 0.0335 U	< 0.0332 U	< 0.0326 U	< 0.0351 U	< 0.0367 U	< 0.0316 U	**0.0572**	**0.0891**	**0.397**	**0.0811**	**0.0397**	< 0.0363 U
Nickel	30	310	310	10000	**23.3**	**23.7**	**18.7**	**986**	**16.6**	**10.7**	**17.7**	**26.6**	**26.4**	**11.7**	**18.6**	**155**	**14.6**	**16.7**	**14.4**	**15.8**	**16.4**	**14.6**	**10.9**	**11.1**	**10.5**	**21.8**	**12.1**	**16.4**	**7.35**	**16.4**	**6.74**
Selenium	3.9	180	1500	6800	< 2.25 U	**2.17**	< 1.94 U	< 2.02 U	< 1.94 U	< 1.84 U	< 1.92 U	< 2.19 U	< 2.11 U	< 2.42 U	< 1.93 U	< 2.02 U	< 1.96 U	< 2.00 U	< 1.94 U	< 1.94 U	< 1.92 U	< 1.89 U	< 2.03 U	< 2.12 U	< 1.83 U	< 1.89 U	**2**	< 2.58 U	< 2.41 U	< 1.93 U	< 2.10 U
Silver	2	180	1500	6800	**0.605**	< 0.420 U	< 0.392 U	< 0.408 U	< 0.390 U	< 0.372 U	< 0.386 U	**0.601**	**0.486**	< 0.488 U	< 0.389 U	< 0.407 U	< 0.395 U	< 0.404 U	< 0.391 U	< 0.391 U	< 0.388 U	< 0.380 U	< 0.409 U	< 0.428 U	< 0.368 U	< 0.380 U	< 0.402 U	< 0.521 U	< 0.485 U	< 0.390 U	< 0.424 U
Zinc	109	10000	10000	10000	**1140**	**99.9**	**76.9**	**734**	**74.8**	**29.7**	**74.8**	**34.4**	**225**	**27.3**	**76.8**	**296**	**43.5**	**56**	**73.8**	**48.1**	**48.9**	**63.9**	**38.8**	**43.5**	**48.4**	**90.4**	**58.2**	**75.1**	**38**	**68.8**	**24.4**

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

Notes:
ft bg = feet below grade
mg/kg = micrograms per kilogram
NA = Not Analyzed
NP = not promulgated/ no applicable SCO
R = Data are rejected and are not usable for any purpose
SCO Soil Cleanup Objective

Table 6
Laboratory Analytical Results – PCBs in Soil (Detections Only)
Remington Arms, Multiple Parcels
14 Hoefler Avenue, East Main Street, Commerce Street, Highland Avenue
Ilion, New York

Location:	Part 375 Unrestricted	Part 375 Restricted Residential	Part 375 Commercial	Part 375 Industrial	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14	SB-15	SB-16	SB-17	SB-27	SB-28	SB-29	SB-30
Date Collected:					08/26/2024	08/26/2024	08/26/2024	08/27/2024	08/26/2024	08/27/2024	08/27/2024	08/27/2024	09/10/2024	09/10/2024	09/11/2024	09/12/2024	09/12/2024	08/28/2024	09/12/2024	09/12/2024	09/09/2024	09/04/2024	09/09/2024	09/04/2024	09/03/2024
Sample Depth (ft bgs):					12-14	0.5-4	14-16	0.5-2.5	17.5-20	21-23	15-18	25-28	17-20	23-26	20-23	10-12	2-4	12-15	20-23	21-24	25-28	1-3	0.5-2	1-4	4-6
Area of Concern (AOC):					AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 1	AOC 4	AOC 4	AOC 5	AOC 5
Polychlorinated Biphenyls (PCBs) (mg/kg)																									
PCB-1254	0.1	1	1	25	< 0.0172 U	< 0.0197 U	< 0.0173 U	< 0.0214 U	< 0.0175 U	< 0.0182 U	< 0.0178 U	< 0.0187 U	< 0.0175 U	< 0.0178 U	< 0.0182 U	< 0.0210 U	< 0.0195 U	**0.0222 P**	< 0.0178 U	< 0.0193 U	< 0.0198 U	< 0.0184 U	< 0.0175 U	< 0.0179 U	< 0.0199 U
PCBs	0.1	1	1	25	< 0.0172 U	< 0.0197 U	< 0.0173 U	< 0.0214 U	< 0.0175 U	< 0.0182 U	< 0.0178 U	< 0.0187 U	< 0.0175 U	< 0.0178 U	< 0.0182 U	< 0.0210 U	< 0.0195 U	**0.0222 P**	< 0.0178 U	< 0.0193 U	< 0.0198 U	< 0.0184 U	< 0.0175 U	< 0.0179 U	< 0.0199 U

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

Notes:
ft bg = feet below grade
mg/kg = micrograms per kilogram
NA = Not Analyzed
NP = not promulgated/ no applicable SCO
R = Data are rejected and are not usable for any purpose
SCO Soil Cleanup Objective

Table 7
Laboratory Analytical Results – Waste Characterization (Detections Only)
Remington Arms, Multiple Parcels
14 Hoefler Avenue, East Main Street, Commerce Street, Highland Avenue
Ilion, New York

Location:	**Part 375 Unrestricted**	**Part 375 Restricted Residential**	**Part 375 Commercial**	**Part 375 Industrial**	**CS-1**	**CS-2**	**CS-3**	**CS-4**	**GS-1**	**GS-2**	**GS-3**	**GS-4**
Date Collected:					**09/16/2024**	**09/16/2024**	**09/16/2024**	**09/16/2024**	**09/16/2024**	**09/16/2024**	**09/16/2024**	**09/16/2024**
Sample Depth (ft bgs):					**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
Area of Concern (AOC):					**AOC 10**	**AOC 10**	**AOC 10**	**AOC 10**	**AOC 10**	**AOC 10**	**AOC 10**	**AOC 10**
Volatile Organic Compounds (VOCs) (mg/kg)												
Methylene chloride	0.05	100	500	1000	*NA*	*NA*	*NA*	*NA*	**0.0190 B**	**0.0170 B**	**0.0150 B**	**0.0220 B**
Semivolalite Organic Compounds (SVOC) (mg/kg)												
Acenaphthene	20	100	500	1000	*< 0.0431 U*	*< 0.0426 U*	*< 0.0466 U*	**0.0449 JD**	*NA*	*NA*	*NA*	*NA*
Acenaphthylene	100	100	500	1000	**0.0604 JD**	*< 0.0426 U*	**0.0528 JD**	< 0.0420 U	*NA*	*NA*	*NA*	*NA*
Anthracene	100	100	500	1000	**0.307 D**	**0.599 D**	**0.471 D**	**0.467 D**	*NA*	*NA*	*NA*	*NA*
Benzo(a)anthracene	1	1	5.6	11	**0.282 D**	**0.447 D**	**0.368 D**	**0.318 D**	*NA*	*NA*	*NA*	*NA*
Benzo(a)pyrene	1	1	1	1.1	**0.216 D**	**0.312 D**	**0.268 D**	**0.159 D**	*NA*	*NA*	*NA*	*NA*
Benzo(b)fluoranthene	1	1	5.6	11	**0.284 D**	**0.459 D**	**0.347 D**	**0.301 D**	*NA*	*NA*	*NA*	*NA*
Benzo(ghi)perylene	100	100	500	1000	*< 0.0431 U*	*< 0.0426 U*	**0.0484 JD**	**0.109 D**	*NA*	*NA*	*NA*	*NA*
Benzo(k)fluoranthene	0.8	3.9	56	110	**0.322 D**	**0.597 D**	**0.494 D**	**0.504 D**	*NA*	*NA*	*NA*	*NA*
Carbazole	NP	NP	NP	NP	**0.527 D**	**1.00 D**	**0.891 D**	**1.02 D**	*NA*	*NA*	*NA*	*NA*
Chrysene	1	3.9	56	110	< 0.0431 U	**0.0462 JD**	*< 0.0466 U*	*< 0.0420 U*	*NA*	*NA*	*NA*	*NA*
Dibenzo(a,h)anthracene	0.33	0.33	0.56	1.1	**0.240 D**	**0.345 D**	**0.297 D**	**0.142 D**	*NA*	*NA*	*NA*	*NA*
Fluoranthene	100	100	500	1000	**0.527 D**	**1.00 D**	**0.891 D**	**1.02 D**	*NA*	*NA*	*NA*	*NA*
Fluorene	30	100	500	1000	*< 0.0431 U*	**0.0462 JD**	*< 0.0466 U*	*< 0.0420 U*	*NA*	*NA*	*NA*	*NA*
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6	11	**0.240 D**	**0.345 D**	**0.297 D**	**0.142 D**	*NA*	*NA*	*NA*	*NA*
Phenanthrene	100	100	500	1000	**0.220 D**	**0.737 D**	**0.491 D**	**0.653 D**	*NA*	*NA*	*NA*	*NA*
Pyrene	100	100	500	1000	**0.510 D**	**1.08 D**	**0.957 D**	**1.01 D**	*NA*	*NA*	*NA*	*NA*
Metals (mg/kg)												
Antimony	NP	NP	NP	NP	*< 1.81 U*	**3.74**	*< 1.96 U*	*< 1.76 U*	*NA*	*NA*	*NA*	*NA*
Arsenic	13	16	16	16	**9.36**	**13.3**	**8.29**	**7.29**	*NA*	*NA*	*NA*	*NA*
Beryllium	7.2	72	590	2700	**0.13**	**0.094**	**0.15**	*< 0.0360 U*	*NA*	*NA*	*NA*	*NA*
Chromium	30	110	400	800	**49.2**	**82.1**	**42.5**	**22.5**	*NA*	*NA*	*NA*	*NA*
Copper	50	270	270	10000	**94.3**	**401**	**85.6**	**23.9**	*NA*	*NA*	*NA*	*NA*
Lead	63	400	1000	3900	**0.178**	**0.105**	**0.185**	**0.0381**	*NA*	*NA*	*NA*	*NA*
Mercury	0.18	0.81	2.8	5.7	**16.6**	**22.5**	**19.4**	**13.8**	*NA*	*NA*	*NA*	*NA*
Nickel	30	310	310	10000	**0.572**	**1.08**	**0.798**	**0.821**	*NA*	*NA*	*NA*	*NA*
Silver	2	180	1500	6800	**0.572**	**1.08**	**0.798**	**0.821**	*NA*	*NA*	*NA*	*NA*
Zinc	109	10000	10000	10000	**76.5**	**72.3**	**67.9**	**56.3**	*NA*	*NA*	*NA*	*NA*
Polychlorinated Biphenyls (PCB) (mg/kg)												
No Detections												

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

Notes:
ft bg = feet below grade
mg/kg = micrograms per kilogram
NA = Not Analyzed
NP = not promulgated/ no applicable SCO
R = Data are rejected and are not usable for any purpose
SCO Soil Cleanup Objective

HRP
MOVE YOUR ENVIRONMENT FORWARD

Table 8
Laboratory Analytical Results – Groundwater (Detections Only)
Remington Arms, Multiple Parcels
14 Hoefler Avenue, East Main Street, Commerce Street, Highland Avenue
Ilion, New York

Sample ID Sampling Date Area of Concern (AOC)	NYSDEC GA Criteria	MW-1 9/26/2024 AOC 1	MW-2 9/26/2024 AOC 3	MW-3 9/26/2024 AOC 9	MW-5 9/26/2024 AOC 8	MW-4 9/27/2024 AOC 8	MW-6 9/27/2024 0:00 AOC 5	MW-8 9/27/2024 AOC 9
Volatile Organic Compunds (VOCs) (ug/L)								
1,2,4-Trimethylbenzene	5	*0.31 U*	**1.16**	*0.31 U*	*0.31 U*	**110 D**	**1.18**	**0.56**
1,3,5-Trimethylbenzene	5	*0.347 U*	**0.70**	*0.347 U*	*0.347 U*	*0.347 U*	*0.347 U*	*0.347 U*
2-Butanone	50	**1.12**	*0.421 U*	*0.421 U*	*0.421 U*	*0.421 U*	*0.421 U*	*0.421 U*
Acetone	50	**5.91**	**3.14**	**1.63 J**	*1.34 U*	**2.23**	**2.29**	*1.34 U*
Carbon disulfide	~	*0.362 U*	**3.23**	*0.362 U*	*0.362 U*	*0.362 U*	*0.362 U*	*0.362 U*
Chloroform	7	*0.243 U*	*0.243 U*	*0.243 U*	**0.3 J**	*0.243 U*	*0.243 U*	*0.243 U*
cis-1,2-Dichloroethylene	5	*0.294 U*	**0.33 J**	*0.294 U*	*0.294 U*	**0.43 J**	**0.58**	*0.294 U*
Cyclohexane	~	*0.491 U*	*0.491 U*	*0.491 U*	*0.491 U*	**49.90**	*0.491 U*	*0.491 U*
Ethyl Benzene	5	*0.29 U*	**0.48 J**	*0.29 U*	*0.29 U*	**1.81**	*0.29 U*	*0.29 U*
Isopropylbenzene	5	*0.405 U*	**54.30**	*0.405 U*	*0.405 U*	**23.80**	*0.405 U*	*0.405 U*
Methylcyclohexane	~	*0.477 U*	**1.05**	*0.477 U*	*0.477 U*	**29.40**	*0.477 U*	*0.477 U*
n-Butylbenzene	5	*0.399 U*	**7.12**	*0.399 U*	*0.399 U*	**13.70**	*0.399 U*	*0.399 U*
n-Propylbenzene	5	*0.384 U*	**142 D**	*0.384 U*	*0.384 U*	**65.80**	*0.384 U*	*0.384 U*
o-Xylene	5	*0.261 U*	**1.12**	*0.261 U*	*0.261 U*	**0.54**	*0.261 U*	*0.261 U*
p- & m- Xylenes	~	*0.578 U*	*0.578 U*	*0.578 U*	*0.578 U*	**1.79**	**0.64 J**	*0.578 U*
p-Isopropyltoluene	5	*0.377 U*	*0.377 U*	*0.377 U*	*0.377 U*	**7.04**	*0.377 U*	*0.377 U*
sec-Butylbenzene	5	*0.89 U*	**12.90**	*0.444 U*	*0.444 U*	**22.60**	*0.444 U*	*0.444 U*
tert-Butyl alcohol (TBA)	~	**0.86 J**	**1.11**	*0.608 U*	*0.608 U*	*0.608 U*	*0.608 U*	*0.608 U*
tert-Butylbenzene	5	*0.367 U*	**2.13**	*0.367 U*	*0.367 U*	**0.47 J**	*0.367 U*	*0.367 U*
Tetrachloroethylene	5	*0.239 U*	**0.31 J**	*0.239 U*	**0.83**	**0.25 J**	*0.239 U*	*0.239 U*
Toluene	5	*0.34 U*	**3.99**	*0.346 U*	*0.346 U*	*0.346 U*	*0.346 U*	*0.346 U*
Trichloroethylene	5	*0.249 U*	*0.249 U*	**2.63**	1.48	0.249 U	0.249 U	0.249 U
Xylenes, Total	5	*0.839 U*	**1.62**	*0.839 U*	*0.839 U*	**2.33**	*0.839 U*	*0.839 U*
Semi-Volatile Organic Compounds (SVOCs) (ug/L)								
No Detections								
Metals (ug/L)								
Mercury	0.7	*0.2 U*	*0.2 U*	*0.2 U*	*0.2 U*	*0.2 U*	**0.30**	*0.2 U*
Polychlorinated Biphenyls (PCBs) (ug/L)								
No Detections								
Polynuclear Aromatic Hydrocarbons (PAHs) (ug/L)								
Acenaphthene	20	**2.14**	**2.44**	*< 0.0526 U*	*< 0.0543 U*	**0.19**	*< 0.0500 U*	*< 0.0500 U*
Acenaphthylene	"	**0.700 B**	**0.607**	*< 0.0526 U*	*< 0.0543 U*	**0.130 B**	*< 0.0500 U*	*< 0.0500 U*
Anthracene	50	**0.460 B**	**0.36**	*< 0.0526 U*	*< 0.0543 U*	**0.0500 B**	*< 0.0500 U*	*< 0.0500 U*
Fluoranthene	50	**0.0500 B**	**0.0674**	*< 0.0526 U*	*< 0.0543 U*	*< 0.0500 U*	**0.0900 B**	*< 0.0500 U*
Fluorene	50	**1.81 B**	**3.18**	*< 0.0526 U*	*< 0.0543 U*	**0.300 B**	*< 0.0500 U*	*< 0.0500 U*
Naphthalene	10	**0.300 B**	**1.03**	*< 0.0526 U*	*< 0.0543 U*	**0.550 B**	*< 0.0500 U*	*< 0.0500 U*
Phenanthrene	50	**0.0800 B**	**1.1**	*< 0.0526 U*	*< 0.0543 U*	**0.0900 B**	**0.0500 B**	*< 0.0500 U*
Pyrene	50	**0.0800 B**	**0.0787**	*< 0.0526 U*	*< 0.0543 U*	*< 0.0500 U*	**0.0600 B**	*< 0.0500 U*

NOTES:
Any Regulatory Exceedences are color coded by Regulation

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

HRP
MOVE YOUR ENVIRONMENT FORWARD

APPENDIX A
Geophysical Survey Report

501 Cambria Avenue, Suite 281, Bensalem, PA 19020
215-366-7389
eastcoastgeophysics.com

Date:
09/28/2024

Site Location:
7-1 Hoefler Ave, Ilion, New York

Attention:
HRP Associates

Regards:
Michael Johns
East Coast Geophysics Inc.
501 Cambria Avenue Suite 281, Bensalem, Pennsylvania, 19020

1. BACKGROUND AND PROJECT OBJECTIVES

On August 22nd, 2024, East Coast Geophysics, Inc. performed a limited geophysical survey at 150 Water Street. The site is currently occupied by Remington Arms. The survey will take place at client specified areas. Surface conditions consistent of asphalt, concrete, reinforced concrete and tended grass. Site project objectives are:

- Locate all detectable underground utilities adjacent to the client proposed boring locations.

2. EQUIPMENT

This project used the following equipment to perform the geophysical survey on the property.

- *GSSI SIR-3000 Cart Mounted Ground Penetrating Radar System*

Ground Penetrating Radar is a non-invasive geophysical method in which electromagnetic pulses probe the subsurface, allowing targets to be imaged in real time. The EM pulses that are transmitted into the subsurface are reflected from various interfaces within the ground, including soil horizons, ground water, and manmade features such as underground storage tanks and utilities. The GPR antenna consists of a transmitter, which is used to create the EM pulse, and a receiver which collects returning signals. The high frequency waves created by the antenna can be generated in a range of 10 MHz to 2.6 GHz. The frequency of the antenna will vary the depth of penetrations, signal clarity, and attenuation into the subsurface. The antenna used for general field work by ECG is 400 MHz; this frequency range has the capability to transmit to a depth of up to 10 feet below ground surface. Surface and subsurface conditions can greatly reduce the effective depth of the signal penetration; these conditions include conductive soils, slag/fill material and standing water.

- *Radiodetection RD7000+*

RD7000 is an advanced high-range precision utility detector capable of detecting utilities up to 15 feet below ground surface. The RD7000+ has the capability of locating a variety of pipes and cables using either passive or active modes. Passive signals can be traced with only the transmitter using "natural" signals present in many conductors. These signals can be generated from an array of sources including power cables, power system return currents, and long wave radio frequencies. **Active** signals are known AC frequencies induced onto a target pipe or cable. User induced signals can help positively identify lines throughout areas of congested utilities.

- *Fisher TW-6 Pipe and Cable Locator*

The Fisher TW-6 Pipe and cable locator uses electromagnetic induction to locate conductive materials, such as manholes, tanks, pipes, cables, and other metallic materials in the subsurface. The transmitter generates an AC current which produces an electromagnetic field similar to a dipole magnet. When the transmitter passes over a conductive feature, the generated electromagnetic field becomes distorted as a result of the interference with the natural electromagnetic field created by the conductive feature. The distortion of the generated field is detected by the receiver which emits a tone that is correlated to the conductivity of the feature.

3. PROCEDURE

ECG personnel began with a utility survey utilizing active detection with the RD-7000+. This is done by directing hooking up to known surface features across the site such as lamp posts, electric / communication boxes, and valves. The surveyor then performed a passive scan with the RD-7000+ receiver to detect any energized utilities that may have not been located with the active scan. Any detected utilities were then marked in the field.

ECG personnel then walked across the survey area with the TW-6 in 3-5 foot spacing increments. The approximate size and shape of any conductive targets detected was then marked in white and will be further investigated with GPR.

GPR was then utilized to confirm the approximate depth of any utilities detected with the RD-7000+ and the size, shape, and depth of any anomalies located with the TW-6.

4. RESULTS

- **Underground Utilities** – All utilities were marked in APWA designated colors.
- **Anomalies**
    - ECG personnel scanned all areas within a 10 feet area of each boring location on site using TW-6 and GPR and detected no subsurface anomalies.

A site map (092824) is attached portraying all detected subsurface features.

5. SITE LIMITATIONS

- Ground Penetrating Radar – GPR depth of penetration was limited to 0-5 feet bgs. Conductive soils and fill material can limit the depth of signal penetration.
- The TW-6 cannot be utilized within close proximity to parked vehicles, reinforced concrete, or any other large metallic features.

6. DISCLAIMER

The limitations of a geophysical survey from both the site and equipment are important to consider when performing intrusive work at a survey site. The equipment is unable to maintain a constant depth of penetration or a constant level of effectiveness over the course of a survey due to subsurface and environmental conditions. The results provided both in this report and in the field should be used in conjunction with other methods including but not limited to, site plans, as-builts, sanborn maps, field observations, public-mark out services, soft-digging, pre-clearing, and historical documentation of the site. No survey or survey method can accurately show an exact image of all subsurface conditions. The presence of non-detectable subsurface utilities and structures is always a risk at any site. Please take caution when proceeding with invasive work.



LEGEND

- MAN HOLE
- UTILITY POLE
- LIGHT POLE
- HYDRANT
- STORM DRAIN
- ELECTRIC
- TELECOM
- WATER
- GAS
- STORM SEWER
- SANITARY SEWER
- UNKNOWN
- FENCE

0 30 60 120 180

EAST COAST GEOPHYSICS, INC.

ADDRESS

REMINGTON ARMS
7-1 HOEFLER AVENUE
ILION
NEW YORK

CLIENT

HRP ASSOCIATES

DRAWING NO.

093024

PROJECT NO.

SHEET NO.

1 OF 1

DATE

09/30/2024

SCALE

1 OF 60

DRAWN

M. JOHNS

N

REVISIONS		
NO.	INITIALS	DATE

NOTES:

East Coast Geophysics, Inc. shall not be liable for damages of any kind arising out of the use of this information. Drawings are georeferenced based on satellite imagery and are not considered to be survey quality. These drawings are intended to be used as reference only.

APPENDIX B
Soil Boring Installation and Sampling Logs

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-1
Job Number: HER1510.P2	**Date:** 8/26/24
Drilling Company: Core-Down Drilling	**Time:** 905
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: NW corner of northern parking lot	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	1.5	Dry	(0-6") ASPHALT & SUB-BASE	—
				(6"-1.5') F SAND, some Silt,	0.0
				little F Gravel, grey-brown	
				(1.5'-5') F SAND AND F-C GRAVEL,	0.0
				beige-white	
5	10	3.5	Dry	(5'-6') F SAND AND F-M GRAVEL,	0.0
				brown	
				(6'-7') Same as 1.5-5'	0.0
				(7'-8.5') F-M SAND, little Silt,	0.0
				little F Gravel; orange-grey	
				(8.5-10') F-M SAND AND F-C GRAVEL,	0.0
				grey-brown	
10	14	2.5	Dry	(10-12') Same as above	0.0
				(12'-14') F SAND, little Silt, little	
				F-M Gravel; grey-brown	
		Refusal w/ direct tube @ 14'			

Soil Samples Collected:	Time		
SB-1 (12-14)	930	VOC, SVOC, PP Metals, PCBs	

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MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-2/MW-1
Job Number: HER1510.P2	**Date:** 8/26/24
Drilling Company: Core-Down Drilling	**Time:** 0945 - 1020, 1120 -
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: North-central portion of Western lot (north of facility)	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)	
0	5	< 1	Moist	(0-6") CONCRETE/ASPHALT	—	
(Refusal 2.5')			Moist	(6"-2.5') F-M SAND, little Silt, little F-M Gravel, little to some brick, trace glass	0.0	Fill
Step-off						
0	5	1.5	Moist	(0-2.5 Same as Above)	0.0	
			Moist	(2.5'-4') Same as 6"-2.5')	0.0	
			Dry	(4'-5') WEATHERED CONCRETE	—	
5	10	1	Dry	(5-6') Same as Above	—	
				(6-10') F-M SAND, little Silt, little F Gravel; brown	0.0	
10	15	2	Dry	(10-15') F-M SAND, little Silt, little F Gravel; grey-brown	0.0	
* 15	20	2	Moist	(15-18') F-M SAND AND GRAVEL, brown, moderate odor, brown	2.7	
				(18-20') F-M SAND, some F-M Gravel, little Silt, grey (light odor)	65.8	
* 20	25	2.5	Sat @ 20'	(20-25') F-C GRAVEL AND F-M SAND, some Silt, grey, light odor	81.4 (bag) 13.2 (bottle)	Native?
25	30	2.5	Sat	Same as above, light odor	1.0	
	END OF EXPLORATION					

Soil Samples Collected:	Time		
SB-2 (0.5-4')	1005	VOC, SVOC, PP Metals, PCBs	
+ MS/MSD; SB-DUP-1			

* unsampleable material (poor recovery & ≥50% gravel)

Set screen 17-27

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-3
Job Number: HER1510.P2	**Date:** 8/26/14
Drilling Company: Core-Down Drilling	**Time:** 1230
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: NE corner of NW parking lot	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	Dry	(0-6") ASPHALT & SUB-BASE	—
				(6"-4') F-M GRAVEL & F SAND white-grey (weathered concrete?)	—
				(4'-5') F-M GRAVEL AND F SAND, little Silt, brown, trace brick	0.0
5	10	3.0	Moist	(5-6.5') SAA, light odor, tr brick	1.0
				(6.5-8') same as 6"-4'	—
				(8'-10') F-M SAND, some Silt, little F Gravel, trace cinders/brick, light odor	1.0
10	15	3.0	Dry	(10-15') F SAND AND F-C GRAVEL, trace brick, grey	0.0
refusal, step off → 10	20 15			(10-15" step off) F SAND AND F-C GRAVEL, trace brick, black-grey to silty from 14-15, light odor	0.0 top 82.8 bottom
15	20	< 1	~~Sat~~ Moist	Same As Above, black, strong odor	84.0
20	25	1.5	Sat	Same as SB-2 (20-25), light odor	8.3 ppm Naphthalene?
25	30	2.5	Sat	Same as SB-2 (25-30)	1.0
				END OF EXPLORATION	

F-11 ↓

Soil Samples Collected:	Time		
SB-3(14-16)	1330	VOC, SVOC, PP Metals, PCB	

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-4
Job Number: HER1510.P2	**Date:** 8/27/24
Drilling Company: Core-Down Drilling	**Time:** 1115
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: Center of NW lot (Parcel C)	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	Dry	(0-6") ASPHALT & SUB-BASE	—
			Moist	(6"-5') F-M SAND, some F-M Gravel, little Silt; trace brick	0.0
5	10	2.5	Moist	(5-7') SAA	0.0
			Dry	(7-9') F-M SAND AND F-C GRAVEL, white-grey	0.0
			Moist	(9'-10') F SAND, little F Gravel, little Silt	0.0
	(EJ)				
10	15 14	2.5	Moist	(10-13') F-M SAND, some F-M Gravel, little Silt, trace brick	0.0
				(13-14') WEATHERED CONCRETE	—
		Refusal @ 14'			

Soil Samples Collected:	Time		
SB-4 (0.5 - 2.5)	1145	VOC, SVOC, PP Metals, PCBs	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-5
Job Number: HER1510.P2	**Date:** 8/26/24
Drilling Company: Core-Down Drilling	**Time:** 1400
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: East-central portion of NW lot	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2	Dry	(0-6") ASPHALT & SUB-BASE	—
				(6"-5') F-M SAND, some F Gravel, little Silt, trace brick and cinders, brown	0.0
5	10	2	Moist	(5-8.5') F SAND, some F-M Gravel, little Silt, trace brick, brown	0.0
			Dry	(8.5-10') F-C GRAVEL, some F-M Sand, grey-white (wth. calc.)	—
10	15	3.5	Dry	(10-11') Same As 5-8.5'	0.0
				(11-11.5') Same as 8.5-10'	—
				(11.5-14') F-M SAND AND GRAVEL, little Silt, trace brick, brown-grey	0.0
			Moist	(14'-15') F-M SAND, little F-M Gravel, little Silt, grey, moderate odor	45.5
15	20	2.5	Dry	(15-20') SAA	45.5 MP 98.4 bottom
* 20	25	< 1	Sat (@20')	Same as SB-3 (20-25), strong odor	40.2
25	30	N/A		NO RECOVERY faster drilling than above	
		END OF EXPLORATION			

F-U

Native

Soil Samples Collected:	Time		
SB-5 (17.5-20')	1440	VOC, SVOC, PP Metals, PCB	

* unsampleable material (gravel)

HRP

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-6
Job Number: HER1510.P2	**Date:** 8/27/24
Drilling Company: Core-Down Drilling	**Time:** 1300
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: SW corner of NW lot Parcel C	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	Dry	(0-6") ASPHALT & SUB-BASE	—
				(6"-2.5') F GRAVEL & F-M SAND,	0.0
				grey	
				(2.5-5') F-M SAND, some F-C Gravel,	0.0
				tr brick	
5	10	2.5	Dry	(5'-10') SAA	0.0
10	15	4	Dry	(10-12') SAA	0.0
				(12'-13') WEATHERED CONCRETE	0.0
				(13'-15') F-C GRAVEL, some F-M	0.0
				Sand, little brick, tr silt	
* 15	20	2.5	Dry	(15-19.5') SAA	0.0
			Mo.	(19.5-20') F-M GRAVEL, little F-M	19.6
				Sand, tr Silt, moderate odor	
20	25	2.5	Sat @ 20'	(20-24.5') SAA	3.4
				(24.5'-25') SAA, some brick	3.4
25	30	2	Sat	(25-30') M-F SAND, little F	0.0
				Gravel; no odor	
		END OF EXPLORATION			

Native

Soil Samples Collected:	Time		
SB-6 (21-23')	1345	VOC, SVOC, PP Metals, PCB	

* unsampleable material

HRP

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-7
Job Number: HER1510.P2	**Date:** 8/27/24
Drilling Company: Core-Down Drilling	**Time:** 1015
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: South-central portion of NW Lot (parcel C)	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	Dry	(0-6") ASPHALT & SUB-BASE	—
			Dry	(6"-2') F-M SAND & F GRAVEL, tr Silt, light odor; grey	0.1
			Moist	(2'-3') F SAND AND SILT, little F-C Gravel, reddish brown	0.0
			Dry	(3-5') F-M SAND, Some F-M Gravel, little brick, trace cinders	0.0
5	10	2	Moist	(5-7') F SAND, some Silt, little F Gravel, brown, light odor	5.4
			Dry	(7'-10') F SAND AND F-C GRAVEL, Silt lens @ 8.5', moderate odor	10.1
10	15	2	Dry	(10-12.5') F-M SAND, Some F-C Gravel, little brick; grey, moderate odor	40.1
			Dry	(12.5-13') WEATHERED CONCRETE	—
			Dry	(13'-15') F-M GRAVEL AND F-M SAND, tr Silt, tr brick, light odor	9.6
15	20	2.5	Dry	(15-20') F-M SAND AND F-C GRAVEL, tr brick, tr Silt, moderate odor; grey	35.8 top 40.8 bottom
20	25	2	Moist	(20-22.5) SAA	33.8
			Sat @ 23	(22.5-25) F-M SAND, little Silt, little F Gravel, moderate odor	16.2
25	30	< 1	Sat	M-F GRAVEL AND F-M SAND, brown, no odor	0.0

Fill

Native

END OF EXPLORATION

Soil Samples Collected:	Time		
SB-7 (15 - 18')	1055	VOC, SVOC, PP Metals, PCB	

HRP

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-8
Job Number: HER1510.P2	**Date:** 8/27/14
Drilling Company: Core-Down Drilling	**Time:** 0900
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push** (double)
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: SE corner of NW lot (Parcel C)	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2	Dry	(0-6") ASPHALT / SB/B-BASE	—
			Moist	(6"-3') F-M SAND, little F-C Gravel, little brick, brown	0.0
			Dry	(3'-5') F-C SAND AND F-C GRAVEL	0.0
5	10	2	Moist	(5-8') F-M SAND AND SILT, little F-C Gravel (red), tr brick, reddish brown	0.0
			Dry	(8-10') Same As 3-5'	0.0
10	15	3.5	Dry	(10-12') F SAND AND F-M GRAVEL, little brick, tr silt (orange brown)	0.0
			Dry	(12-14.5') F-M SAND AND F-C GRAVEL, little concrete, trace brick	0.0
			Moist	(14.5-15') F SAND, some Silt, tr F Gravel, grey	0.0
15	20	3.5	Moist	(15-17.5') F-M SAND, some F-C Gravel, little Brick, light odor @ 17.5	6.1
			Moist	(17.5'-20') F-C SAND AND F-C GRAVEL, tr brick, tr silt, moderate odor	79.9
20	25	2	Moist	(20-25') F-C GRAVEL, some F-M Sand, some Brick, tr silt, moderate odor	40.8
25	30	2.5	Sat @ 25	(25-30') M-C SAND, some F-M Gravel, little silt, light odor	
		END OF EXPLORATION			

FM

Water

Soil Samples Collected:	Time		
SB-8 (25-28')	940	VOC, SVOC, PP Metals, PCBs	

HRP

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-9
Job Number: HER1510.P2	**Date:** 9/10/24
Drilling Company: Core-Down Drilling	**Time:** 1030
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: Center of walkway; Central portion of Parcel C	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)	
0	5	2.5	Dry	(0-6") CONCRETE	—	
				(6"-4') F SAND AND SILT, little F-C Gravel, tr brick	0.0	
				(4-5') M-C SAND AND F-C GRAVEL	0.0	
5	10	2.5	Moist	(5-10') F-C GRAVEL AND SILT, some F-M SAND, little brick	0.0	
10	15	3	Dry	(10-15') F-M SAND AND F-C GRAVEL little Silt, tr brick	0.0	
15	20	3	Dry	(15-17.5') SAA	0.0	
			Moist	(17.5-20') F-M SAND AND	36.9	
				F-C Gravel, little Silt, grey, moderate odor		
20	25	3	Moist	(20-21.5') SAA, no odor	0.0	
			Dry	(21.5-25') F-C GRAVEL AND F-M SAND, little Silt		
25	30	3.5	Sat@25'	(25-30') F-C GRAVEL AND M-C SAND	0.0	Native
		END OF EXPLORATION				

Soil Samples Collected:	Time		
SB-9 (17 - 20)	1130	VOC, SVOC, PP Metals, PCBs	

HRP

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.: SB-10**
Job Number: HER1510.P2	**Date: 9/10/24**
Drilling Company: Core-Down Drilling	**Time: 1215**
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: NW portion of eastern parking lot (Parcel C)	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)	
0	5	2.5	Dry	(0-1') ASPHALT & SUB-BASE	—	
				(1-5') BRICK, little MSand	—	
5	10	2.5	Moist	(5-9') F-M SAND, some Silt, some Brick, little cinders, tr F-C GRVL	0.0	
				(9-10') F-C GRVL & F-M SAND, tr brick	0.0	
10	15	3.5	Dry	(10-15') F-M SAND AND F-C GRAVEL, some Weathered Concrete, little Silt, tr brick	0.0	
15	20	3	Dry	(15-16.5') SAA	0.0	
			Moist	(16.5-20') F-M SAND, some F-C Gravel, some Silt, grey, moderate odor	226.0	
20	25	3	Sat @ 21'	(20-23') SAA	221.5	
			Moist	(23-25') SAA	320.6	
25	30	3	Moist	(25-26') SAA	317.9	
			Sat @ 26'	(26-30') F-M SAND, some F Gravel, little C Sand	2.1	Native
			END OF EXPLORATION			

Soil Samples Collected:	Time		
SB-10 (23-26')	1250	VOC, SVOC, PP Metals, PCBs	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-11
Job Number: HER1510.P2	**Date:** 9/11/24
Drilling Company: Core-Down Drilling	**Time:** 1215
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: North-central portion of eastern Parcel C parking lot	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	—		NO RECOVERY (~6" ASPHALT)	
5	10	2	Moist	(5-10') F-M SAND AND SILT, some F-C Gravel, trace brick, tr cinders	0.0
10	15	3.5	Dry	(10-15') F-C GRAVEL AND F-M SAND, some Silt, tr weathered concrete	0.0 top 22.6 bottom
15	20	3.5	Dry	(15-16) SAA	30.1
			Moist	(16-17.5') F SAND AND SILT, tr F-C Gravel, black, moderate odor	53.6
			Dry	(17.5-20) F-M SAND AND F-C GRAVEL, some Silt, moderate odor	83.4
20	25	2.5	Dry	(20-24) SAA	140.4
			Sat @ 24'	(24-25) F-M SAND, grey-black, strong odor	90.7
25	30	2	Moist	(25-26) F-M SAND AND SILT, little F-C Gravel, light odor	22.8
			Moist	(26-30) F-M SAND AND SILT, some F-C Gravel	0.4
		END OF EXP			

Soil Samples Collected:	Time		
SB-11 (20 - 23)	1250	VOCs, SVOCs, PP Metals, PCBs	

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-12
Job Number: HER1510.P2	**Date:** 9/12/24
Drilling Company: Core-Down Drilling	**Time:** 815
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: 250' N of employment office sign, eastern portion of Parcel C	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	Dry	(0"-6") ASPHALT & SUB-BASE	—
			Moist	(6"-3') F SAND & SILT, little F-C Gravel	0.0
			Dry	(3'-5') BRICK, little F-M SAND	0.0
5	10	2	Dry	(5-10') BRICK, little F-M SAND, little F-C Gravel, trace slag	
10	12.5	1.5	Moist	(10-12') BRICK, some F-C Gravel, some F-M Sand, little Wood, (12-12.5) WEATHERED CONCRETE	26.4
					—

Refusal @ 12.5'

Soil Samples Collected:	Time		
SB-12 (10 - 12)	845	VOC SVOC PP Metals PCBs	

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-13
Job Number: HER1510.P2	**Date:** 9/12/24
Drilling Company: Core-Down Drilling	**Time:** 1145
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: NE corner of Parcel C parking lot	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5		Dry	(0-6") ASPHALT; SUB-BASE	—
			Mo.st	(6"-2') F-M SAND AND SILT, little F-C Gravel, trace cinders, trace brick	0.0
				(2-4') F-M SAND AND SILT, some Brick, trace cinders	0.0
				Refusal @ 4'; weathered concrete or shale	

refusal @ 4', shoe off

Soil Samples Collected:	Time		
SB-13 (2-4)	1200	VOC, SVOC, PP Metals, PCBs	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-14
Job Number: HER1510.P2	**Date:** 8/28/24
Drilling Company: Core-Down Drilling	**Time:** 1315
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: SW of sinkhole containing empty drum	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	Dry	(0-6") ASPHALT & SUB-BASE	—
			Moist	(6"-3') F-M SAND AND, some F-C Gravel, little brick, little cinders, little Silt, black	0.0
				(3'-5') F-M SAND, some Silt, little F-C Gravel, little brick, brown	0.0
5	10	1.5	Moist Dry	(5-8') SAA	0.0
				(8'-10') F-M SAND, some F-C Gravel, trace brick	0.0
10	15	3.5	Dry	(10-12.5') SAA	0.0
				(12.5'-15') F-M SAND AND F-C GRAVEL, some Silt, grey, stain moderate odor strong odor	1,513
15	20	3.5	Dry	(15-17') SAA, no staining	373.6
			Dry	(17-18') F-C GRAVEL, little F-C Sand	185.7
			Dry	(18-20') Same As 15-17'	216.8
20	25	3.5	Dry	(20-25) F-M SAND AND F-C GRAVEL Grey, little Silt, moderate odor	191.6 (top) 24.0 (bottom)
25	30	2.5	Sat @ 25'	(25-27') F-M SAND AND F-M GRAVEL, grey, light odor	50.9
				(27-30') F SAND, little Silt, little F-M Gravel, grey, no odor	0.0

END OF EXP.

Soil Samples Collected:	Time		
SB-14 (12-15')	1350	VOC, SVOC, PP Metals, PCBs	

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-15
Job Number: HER1510.P2	**Date:** 9/12/24
Drilling Company: Core-Down Drilling	**Time:** 9:15
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location:	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)	
0	5	1	D-M	(0-6") ASPHALT & SUB-BASE	—	
			D-M	(6"-5') F-M SAND, some F-C Gravel, Lt. Silt	0.0	
5	10	2	Mo.St	(5-10') F-M SAND AND SILT, some F-C Gravel	0.0	
10	15	2.5	Mo.St	(10-11') SAA	0.0	
			Dry	(11-15') F-C GRAVEL AND F-M SAND, some Silt	0.0	
15	20	3.5	Dry	(15-17') SAA, light odor	15.5	
			Mo.St	(17-18') F SAND, Lt Silt, Grey, moderate odor	31.4	
			Mo.St	(18-20') Same As 15-17	27.2	
20	25	2.5	Mo.St	(20-23') SAA	78.5	
				(23-25') F-C GRAVEL, little F-M Sand, little Silt, no odor	0.0	
25	30	2.5	Sat@25'	(25-30') F-C GRAVEL AND F-M SAND, some Silt, light odor	41.9	top
					6.3	bottom
		END OF EXPLORATION				

Soil Samples Collected:	Time		
SB-15 (20-23')	945	VOC SVOC PP Metals PCBs	
SB-DUP-3 & MS/MSD collected			

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-16
Job Number: HER1510.P2	**Date:** 9/12/24
Drilling Company: Core-Down Drilling	**Time:** 1040
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location:	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)	
0	5	<1	Dry	(0-6") ASPHALT & SUB BASE	—	
				(6"-5') F-C GRAVEL AND F-M SAND	0.0	
5	10	1	Dry	(5-6') F-M SAND, little F-C	0.0	
				Gravel, little brick		
		Refusal @ 6'; Step off				
5	10	1.5	moist	(5-6') SAA	0.0	
				(6-7') F-M SAND AND SILT, little brick	0.5	↳ metal encountered
				light odor		
				(7-10') F-C GRAVEL, little F-M Sand,	0.0	
				little weathered concrete		
10	15	3	Moist	(10-12') F-M SAND AND SILT, little	0.0	
				F-C Gravel		
				(12-15) F-C GRAVEL AND F-C SAND,	0.0	
				Little Silt, little weathered concrete		
15	20	3	Moist	(15-19.5) F-M SAND AND F-C	0.0	
				GRAVEL, Some Silt, trace brick		
			Moist	(19.5-20') M-C SAND, little F Gravel,	61.6	
				grey, light odor		
20	25	2.5	Moist	(20-21') F-C GRAVEL, some F-M Sand,	50.4	
				little Silt, light odor		
			Sat @ 21'	(21-25') F SAND, grey, moderate odor	63.1	Native
25	30	4.5	Sat	(25-28.5) SAA, no odor	0.2	
				(28.5-30') F-M SAND AND SILT,	0.0	
				Some F-M Gravel		
END OF EXP						

Soil Samples Collected:	Time		
SB-16(21-24)	1115	VOC, SVOC, PP Metals, PCBs	

HRP

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-17
Job Number: HER1510.P2	**Date:** 9/9/21
Drilling Company: Core-Down Drilling	**Time:** 1255
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**

Location: Just E of Paver walkway, near center of Parcel C

GPS Coordinates

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	Dry	(0-6") ASPHALT; SUB-BASE	—
			Dry	(6"-2.5') F-M SAND AND F-C GRAVEL; little cinders, little brick, little silt	0.0
			Moist	(2.5-5') F SAND AND SILT, some F-C Gravel, trace brick	6.0
5	10	2	Moist	(5-7.5') SAA	3.0
			Dry	(7.5'-10') F-M SAND AND F-C GRAVEL, tr silt	0.0
10	15	3.5	Dry	(10-15') F-C SAND AND F-C GRAVEL, some silt, little brick	0.0
15	20	4	Dry	(15-19') SAA	0.0
				(19-20') F-C GRAVEL, little F-C SAND	0.0
20	25	3	Moist	(20-25) Same As 15-19', tr brick	0.0
25	30	4.5	Sat@25'	(25-28') M-F SAND, little C Sand, tr F Gravel	0.0
				(28-30') F SAND AND F-C GRAVEL, little silt	0.0
		END OF EXPLORATION			

relative

Soil Samples Collected:	Time		
SB-17 (25 - 28)	1330	VOCs VOC, PP Metals, PCBs	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-18
Job Number: HER1510.P2	**Date:** 9/10/24
Drilling Company: Core-Down Drilling	**Time:** 1330
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: Central portion of eastern Parcel C Parking lot	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	3.5	Dry	(0-6") ASPHALT & SUB-BASE	—
				(6"-2') F-C GRAVEL AND F-M SAND, tr brick	0.0
				(2'-5') CINDERS, some Brick, some M-F sand, tr F-C Gravel	0.0
		END OF EXPLORATION			

Soil Samples Collected:	Time		
SB-18 (2 - 5)	1345	PAHs & PP Metals	
↳ SB-DUP-2; MS/MSD collected here			

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-19
Job Number: HER1510.P2	**Date:** 9/11/24
Drilling Company: Core-Down Drilling	**Time:** 930
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: Found Just S of SB-18	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	DRY	(0-6") ASPHALT & SUB-BASE	—
				(6"-5') F-M SAND, Some F-C Gravel,	0.0
				little cinders, trace brick	
		END OF EXPLORATION			

Soil Samples Collected:	Time		
SB-19 (1-3)	840	PAHs & PP Metals	

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-20
Job Number: HER1510.P2	**Date:** 9/5/14
Drilling Company: Core-Down Drilling	**Time:** 845
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: 150' east of western gate on main street	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	4	D-M	(0-1') ASPHALT & SUB BASE	—
				(1-2.5') F-M SAND some F-C Gravel, little silt, trace cinders, trace brick	0.0
				(2.5-5') SILT, some Clay, little F Sand, little F Gravel, trace cinders, trace brick	0.0
		END OF EXPLORATION			

Soil Samples Collected:	Time		
SB-20 (1-2.5)	900	PAH & PP Metals	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-21
Job Number: HER1510.P2	**Date:** 9/9/24
Drilling Company: Core-Down Drilling	**Time:** 9:15
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: 150' East of SB-20	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	4	D-4	(0-1) ASPHALT & SUB BASE	—
				(1-2.5) F-M SAND, some F-C Gravel, little silt, trace cinders	0.0
				(2.5-5') SILT, little clay, little F Sand, little F-M Gravel, trace brick	0.0
		END OF EXPLORATION			

Soil Samples Collected:	Time		
SB-21 (1-2.5)	930	PAHs, PP Metals	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-22
Job Number: HER1510.P2	**Date:** 8/27/24
Drilling Company: Core-Down Drilling	**Time:** 1200
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: Western portion of NW lot, on grass (across from telephone pole #1)	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)	
0	5	2	Dry	(0-1') TOPSOIL (F SAND & SILT, little organics)	0.0	
				(1'-4') F-M SAND, some Silt, tr brick & wood fragments	0.0	F:11
				(4'-5') F-C GRAVEL, some F-C Sand, tr cinders/brick	0.0	
5	10	2	Moist	(5-7.5') F-M SAND, little Silt, little F-C gravel, little brick	0.0	
				(7.5-10') Same as 4-5'	0.0	
10	15	2	Dry	(10-14') F-M SAND, some F-C Gravel, little brick	0.0	
				(14-15') F-M SAND, little F-M Gravel, little Silt, tr brick	0.0	
15	20	2.5	Moist	(15-16') SAA	0.0	
			Sat @ 20'	(16-20') F SAND, tr Silt	~~0.0~~ 3.1	top bottle
				light odor	0.2	
20	25	N/A		NO RECOVERY		
25	30			M-F SAND, some F Gravel	0.0	Native
				END OF EXPLORATION		

Soil Samples Collected:	Time		
SB-22 (16-18')	1225	VOCs SVOCs PP Metals	

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-23
Job Number: HER1510.P2	**Date:** 9/10/24
Drilling Company: Core-Down Drilling	**Time:** 930
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ

Location: Just S of Remington Arms Co Since 1816 S. gate, northern portion walkway

GPS Coordinates

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	1	Dry	(0-6") CONCRETE	—
				(6"-5') F-M SAND AND F-C GRAVEL, some Brick, some Weathered Concrete	10.0
5	10	2.5	Moist	(5'-7.5') F-M SAND, some Silt, little Brick	0.0
			Dry	(7.5-10') F-M SAND AND F-C GRAVEL, little Silt, trace brick, trace weathered concrete	0.0
10	15	4	Dry	(10-13') SAA	0.0
				(13-15') SAA, some Silt	0.0
15	20	3	Moist	(15-18') F-M SAND AND F-C GRAVEL, some Silt, tr brick grey stains, moderate odor	49.8
			Dry	(18-20') F SAND AND SILT, some F-C Gravel, tr brick, ~~faint~~ moderate odor	122.1
20	25	3	Sat @ 21'	(20-21) SAA	101.3
				(21-25') F-M SAND AND F-C GRAVEL, brown, no odor,	10.2
25	30	3	Sat	SAA	0.0

Native ↓

END OF EXP

Soil Samples Collected:	Time		
SB-23 (18 - 21)	1010	VOC SVOC PP Metals	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-24/MW-2
Job Number: HER1510.P2	**Date:** 8/28/24
Drilling Company: Core-Down Drilling	**Time:** 1145
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: NE of NO TRESPASSING sign, eastern lot (Parcel C)	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	Moist	(0-6") ASPHALT & SUB-BASE	—
				(6"-5') F-M SAND AND F-C GRAVEL, some Brick, trace Silt	0.0
5	10	2	Dry	(5-9') F-M SAND, some F-C Gravel, little Brick, little Silt	0.0
				(9-10') F-C GRAVEL, white-grey	0.0
10	15	4	Dry	(10-15') Same As 5-9'	0.0
15	20	3.5	Dry	(15-18') Same AS Above	0.0
			Dry	(18'-20') F-M SAND AND F-C GRAVEL, little Brick, little Silt, moderate odor; grey	71.3
20	25	3	Moist	(20-25') SAA, strong odor; trace brick	221.1 (top) 235.0 (bottom)
* 25	30	3	Sat @ 25'	(25-30') F-M GRAVEL AND F-C SAND, trace Silt	630 (top) 222 (bottom)
				END OF EXPLORATION	

Soil Samples Collected:	Time		
SB-24 (23-25)	1246	VOC, SVOC, PP Metals	

*sheen on water on rods & sleeve

HRP

MOVE YOUR ENVIRONMENT FORWARD

EJ

Project: Remington Arms	**Boring I.D.:** SB-25/~~AA~~ 3
Job Number: HER1510.P2	**Date:** 8/30/24
Drilling Company: Core-Down Drilling	**Time:** 1130
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**

Location: ~~Just~~ ~~West~~ of loading dock (elevated walkway towards ~~west~~ east)

GPS Coordinates

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	Dry	(0-6") ASPHALT & SUB BASE	—
			Dry	(6"-1.5') F-M SAND, some cinders	0.0
			Dry	(1.5'-2.5') BRICK	0.0
			Moist	(2.5'-5') F SAND, some Silt, little F-C Gravel, trace brick	0.0
5	10	2.5	Moist	(5-9') F SAND, some Silt, little F-C Gravel, little C Sand, tr brick, tr weathered concrete	0.0
				(9-10') F-C GRAVEL, some F-M Sand	0.0
10	15	< 1	Dry	(10-15') F-C GRAVEL, some weathered concrete, little F-C Sand	0.0
15	20	2.5	Dry	(15-19') SAA	0.0
			Sat	(19'-20') F-C GRAVEL AND F-M SAND, some Silt	0.0
20	25	N/A	Sat	NO RECOVERY	
25	30	< 1	Sat	F-M SAND, little F Gravel	0.0
		END OF EXP.			

Soil Samples Collected:	Time		
SB-25(1 - 3)	1210	VOC, SVOC, PP Metals	

HRP
MOVE YOUR ENVIRONMENT FORWARD



Project: Remington Arms	**Boring I.D.: SB-26**
Job Number: HER1510.P2	**Date: 9/3/14**
Drilling Company: Core-Down Drilling	**Time: 1130**
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: N of eastern gun tank, east of McQuay AIC condensers	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	1	Dry	(0-6") ASPHALT & SUB-BASE	—
				(6"-5') F-M SAND, some F-C Gravel, little Silt, trace brick	0.0
5	10	3	Moist	(5-6') SAA, black, light odor	3.0
				(6-10') F SAND, little Silt,	0.0 top Native?
				trace clay (no odor), grey	0.0 bottom
10	15	4	Moist	(10-15) CLAY AND SILT	0.0
15	20	4	Sat@15'	SAA	0.0
				END OF EXPLORATION	

Soil Samples Collected:	Time		
SB-26 (5-6)	1200	VOCs, SVOCs, PP Metals	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-27
Job Number: HER1510.P2	**Date:** 9/4/24
Drilling Company: Core-Down Drilling	**Time:** 1730
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**

Location: SE of Western Main St Gate

GPS Coordinates

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
* 0	5	2.5	Dry	(0-6") ASPHALT & SUB-BASE	—
			Moist	(6"-3') F SAND, some F-C Gravel, little Silt, trace brick	0.0
				(3-3.5') WEATHERED CONCRETE	
				(3.5-4') Same as 6"-3'	0.0
		Refusal @ 4 Ft bg			

Soil Samples Collected:	Time		
SB-27 (1-3)	1245	PCBs	

*Shallow boring, refusal @ 4 Ft bg

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-28
Job Number: HER1510.P2	**Date:** 9/9/24
Drilling Company: Core-Down Drilling	**Time:** 1035
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: Just E of power plant buildings	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	5	D-4	0-6") ASPHALT & SUB-BASE	—
				6-5') F. M SAND AND F-C	0.0
				GRAVEL, 1"Ile Silt, 1"Ile brick	
		END OF EXPLORATION			

Soil Samples Collected:	Time		
SB-28(0.5-2')	1015	PCBs	

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-29/MW-7
Job Number: HER1510.P2	**Date:** 9/4/24
Drilling Company: Core-Down Drilling	**Time:** 1030
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: Just E of utility/pump house, W portion of site	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)	
0	5	DAY 2.5	Dry	(0-6") ASPHALT & SUB-BASE	—	
			Dry	(6"-4') F-M SAND, some F-C Gravel, little brick, tr cinders, tr silt	0.0	
			Moist	(4'-5') F SAND, some brown Silt	0.0	Native?
5	10	2	Moist	(4-9') SAA	0.0	
			Moist	(9-10') F SAND, some F-M Gravel, little Silt, brown	0.0	
10	15	4.5	Sat	(10-11') SAA	0.0	
				(11-15') CLAY, little Silt, grey	0.0	
15	20	5	Sat	(15-20') SAA	0.0	
		END OF EXP				

Soil Samples Collected:	Time		
SB-29(1-4)	1050	VOC, SVOC, PP Metals, PCB	

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-30/MW6
Job Number: HER1510.P2	**Date:** 9/3/24
Drilling Company: Core-Down Drilling	**Time:** 1030
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: NW of WW tanks/corrosive haz waste tank	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)	
0	5	2	Dry	(0-6") ASPHALT & SUB-BASE	—	
			Dry	(6"-4') F-M SAND AND F-C GRAVEL	0.0	Fill
				trace Silt, trace Brick		
			Moist	(4'-5') F-M SAND, some F-C Gravel,	0.0	
				some Silt, trace brick, black-grey		
5	10	3	Moist	(5-6.5') F SAND, some Silt,	0.0	Native?
				little Clay, H F Gravel, black		
			Moist	(6.5-10') F SAND, little Clay,	0.0	
				some Silt, brown-grey		
10	15	5	Saturated	(10-15') F SAND, little Silt, grey	0.0	
* 15	20	5	Sat	F SAND, little Silt, grey	0.0	
				END OF EXCAVATION		

Soil Samples Collected:	Time		
SB-30 (4 - 6)	1038	VOC, SVOC, PP Metals, PCBs	

* Issues w/ running sonics while drilling. No evidence of contamination, Water table encountered

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-32
Job Number: HER1510.P2	**Date:** 9/4/24
Drilling Company: Core-Down Drilling	**Time:** 1100
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: Just N of red/white sign on fence	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)	
0	5	1	Dry	(0-6") ASPHALT & SUB-BASE	—	
				(6"-5') F-M SAND, some F-C Gravel,	0.0	
				little Silt, trace cinders, trace brick,		
				trace wood		
5	10	—	—	(5'-10') NO RECOVERY	—	
10	15	2.5	Moist	(10-12') SILT, little F-M Sand, little	0.1	*
				F-C Gravel, black		
			Moist	(12-15') F-M SAND AND F-C GRAVEL,	0.0	
				tr brick, tr Silt		
15	20	2.5	Moist	(15-19.5') SAA	0.0	
			Sat @ 19.5'	(19.5-20') F-C GRAVEL, little F Sand,	0.0	
				tr Silt		
20	25	< 1	Sat	(20-25') F-C GRAVEL, some Silt,	0.0	
				little F Sand; ~~cloudy, DA wet soil~~ (EJ)		
25	30	< 1	Sat	(25-30') F SAND, little F Gravel,	0.0	Natur
				little Silt		
		END	OF EXPLORATION			

Soil Samples Collected:	Time		
SB-32 (10 - 12)	1125	PAHs & PP Metals	

HRP

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-33
Job Number: HER1510.P2	**Date:** 9/11/24
Drilling Company: Core-Down Drilling	**Time:** 855
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: Just N of COVID-19 guidelines sign, 100' south of SB-19	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)	
0	5	4.5	Dry	(0-6") ASPHALT & SUBBASE	—	
				(6"-1.5') F-M SAND, some F-C Gravel, little silt	—	
				(1.5-5') F-M SAND, some Cinders, some Brick, little F-C Gravel, tr silt, little slag	— 0.6	
5	10	5	Dry	(5-10') SAA	10.5	* pot. saw
10	15	5	Moist	(10-11') SAA	10.6	
			Sat @ 11'	(11'-12.5') M-C SAND AND F-M GRAVEL, little cinders, grey, light odor	0.4	* pot. saw
			Moist	(12.5'-14') SILT AND CLAY, little cinders, black, light odor	0.7	* pot. saw
			Dry	(14-15') F-C GRAVEL AND F-M SAND, some Silt, trace brick	0.0	
15	20	3.5	Sat @ 15'	(15-20') SAA; dry @ 17.5'	0.0	
20	25	2.5	Dry	(~~20-22.5~~ 17.5') F-C GRAVEL AND F-M SAND, some Silt	0.0	
			Moist	(~~22.5~~ 17.5-25') F-M SAND AND SILT, some F-C Gravel, grey, light odor	85.6	
25	30	3	Moist	SAA, moderate odor	~~155.6~~ 220.8	* pot. saw

Soil Samples Collected:	Time		
SB-33 (8 - 10)	1300	PAHs & PP Metals	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-34
Job Number: HER1510.P2	**Date:** 9/11/24
Drilling Company: Core-Down Drilling	**Time:** 1000
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: Just N of main office building; Parcel B/C	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	3	Moist	(0-6") TOPSOIL (F SAND, SILT, trorganics)	0.0
				(6"-5') F SAND & SILT, little F-C	0.0
				Gravel, tr cinders, tr brick	
5	10	2	Moist	(5-7.5') F SAND, SILT, some F-C Gravel	0.0
			Dry	(7.5-10') F-C GRAVEL, some Mc Sand	0.0
10	15	3	Moist	(10-15') F-M SAND AND SILT, some F-C	0.0
				Gravel	
15	20	3.5	Dry	(15-20') SAA	0.0
20	25	3.5	Dry	(20-22') SAA	0.0
			Moist	(22-25') F-M SAND, some F-C Gravel,	29.0
			Sat @ 24.5'	some Silt, gray, moderate odor	
25	30	2.5	Sat	(25-27.5') SAA, F-M SAND AND F-C	58.1
				GRAVEL, grey, moderate odor	
				(27.5'-30') F-M SAND, tr F Gravel	2.6
		END OF EXP.			

Native

Soil Samples Collected:	Time		
SB-34 (25 - 27)	1045	PAHs & PP Metals	

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.: SB-35**
Job Number: HER1510.P2	**Date: 9/12/24**
Drilling Company: Core-Down Drilling	**Time: 1010**
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: Just N of employment office - south first parking space	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5		Dry	(0-6") ASPHALT & SUB-BASE	—
			Dry	(6"-5') F-M SAND AND F-C GRAVEL	0.0
				trace silt	
		END OF EXPLORATION			

Soil Samples Collected:	Time		
SB-35 (1 - 4)	1015	VOC SVOC PP Metals Herbicides	
SB-DUP-4 & MS/MSD collected here			

HRP

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-36
Job Number: HER1510.P2	**Date:** 9/12/24
Drilling Company: Core-Down Drilling	**Time:** 1230
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: E most portion of Parcel C Parking lot	
GPS Coordinates	

	Sample Interval (ft bg)		Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
	Top	Bottom				
Run 1	0	5	2.5	Moist	(0 - 1') TOPSOIL (F SAND, little Silt, little F-M Gravel, little organics)	0.0
				Dry	(1 - 2') F-M SAND AND F-C GRAVEL, little silt, fr brick	0.0
				Dry	(2-2.5') ASPHALT *Refusal @ 2.5; Step off	
Run 2	0	5	3	See Above	(0-2.5') Same as Run 1	—
					(2.5-3') WEATHERED CONCRETE	—
					(3-5') F-M SAND, Some F-C Gravel,	0.0
					trace cinders	
			END OF EXPLORATION			

Soil Samples Collected:	Time		
SB-36 (3 - 5)	1245	VOC, SVOC, PP Met-13, Herbicides	

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-37
Job Number: HER1510.P2	**Date:** 9/16/24
Drilling Company: Core-Down Drilling	**Time:** 815
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location:	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	3.5	Dry	(0-6") TOPSOIL (F SAND, SILT, some F Gravel, little organics)	0.0
			Dry	(6"-2.5') F-M SAND, some F-M Gravel, tr 5:4	0.0
			Moist	(2.5-3.5') M-C SAND, some F Gravel, little cinders	0.0
			Moist	(3.5-5') SILT AND CLAY, tr F Sand	0.0
		END OF EXCAVATION			

Soil Samples Collected:	Time		
SB-37(2.5-3.5)	835	VOC, SVOC, PP Metals, Hex Chrom	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-38
Job Number: HER1510.P2	**Date:** 9/16/24
Drilling Company: Core-Down Drilling	**Time:** 840
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location:	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	4.5	Dry	(0-6") TOPSOIL (F SAND, some Silt, little F Gravel, little organics	0.0
			Dry	(6"-2') F-M SAND, some F-M Gravel, tr silt	0.0
			Mo. dry	(2-5') F SAND, some Silt, little F-M Gravel, trace brick, trace cinders	0.0
		END OF EXPLORATION			

Soil Samples Collected:	Time		
SB-38 (3-5)	850	VOC, SVOC, PP Metals, Herbicides	

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-39
Job Number: HER1510.P2	**Date:** 9/16/24
Drilling Company: Core-Down Drilling	**Time:** 900
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location:	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	4	Dry	(0-6") TOPSOIL (F SAND, some Slt, Some F-M Gravel)	0.0
				(6"-1.5') F-M SAND, Some F-M Gravel, tr brick	0.0
				(1.5-3.5') F-M SAND, some cinders, little F-M Gravel, little Slt, black	0.0
				(3.5-5') F-M SAND AND F GRAVEL, tr Slt, brown	0.0
		END OF EXPLORATION			

Soil Samples Collected:	Time		
SB-39 (1.5-3.5')	905	VOC, SVOC, PP metals, Herbicides	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-40
Job Number: HER1510.P2	**Date:** 9/13/24
Drilling Company: Core-Down Drilling	**Time:** 930
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: Just S of sidewalk, northern portion of southern yard; parcel D	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	Moist	(0-6") TOPSOIL (SILT & F SAND, tr organics)	0.0
				(6"-3.5') F-M SAND, some Cinders,	0.0
				tr F Gravel, black	
				(3.5-5') F-M SAND, some F-C Gravel,	0.0
				little Silt	
5	10	2	Moist	(5-10') F-M SAND AND SILT,	0.0
				F-C GRAVEL pockets @ 11', 13.5', 14.5'	
10	15	2.5	Moist	(10-15) F-M SAND AND F-C GRAVEL,	0.0
				some Silt	
15	20	1	Moist	(15-19') SAA	0.0
			Sat @ 19	(19-20') F-C GRAVEL, little Silt	0.0
20	25	3	Sat	(20-22) Same as 10-15	0.0
				(22-24') F-M SAND AND SILT, little	791.9
				F-C Gravel, grey stained moderate odor	
				(24-25) F-M SAND AND SILT, some	0.0
				F-C Gravel, no odor	
25	30	3	Sat	(25-30) F-M SAND, little FG-Gravel,	0.0
				little Silt	
		END OF EXPLORATION			

Soil Samples Collected:	Time		
SB-40 (22 - 24)	945	VOC SVOC PP Metals	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-41
Job Number: HER1510.P2	**Date:** 9/13/24
Drilling Company: Core-Down Drilling	**Time:** 1015
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: E-most portion of yard (Parcel D), equidistant between 2 locust trees	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	Mo.st	(0-1') TOPSOIL (F SAND & SILT, tr. org.)	0.0
			Dry	(1-3.5') F-M SAND & F-GRAVEL, some,	—
				Weathered concrete	
			Dry	(3.5-5') BRICK AND CINDERS,	0.0
				little F-M Sand	
5	10	2.5	Mo.st	(5-9') F-M SAND AND SILT, some	7.5
				Cinders, trace wood fragments, trace glass	
			Mo.st	(9-10') F-M SAND AND SILT, grey,	0.3
				light odor	
10	15	2	Mo.st	(10-15') F-M SAND, some Silt,	0.0
				little F-M Gravel	
15	20	2.5	Sat@20'	(15-20') F-M Sand, little Silt, tr	0.0
				F Gravel	
20	25	3	Sat	(20-25') SAA	0.0

↑ Native ↓

Soil Samples Collected:	Time		
SB-41 (5 - 9')	1045	VOC, SVOC, PP metals	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-42/MW-5
Job Number: HER1510.P2	**Date:** 8/30/24
Drilling Company: Core-Down Drilling	**Time:** 0850
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: Just E of east center edge of Parcel D parking lot	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	.5	2.5	Dry	(0-6") TOPSOIL (F SAND & SILT, little org.)	0.0
				(6"-5') F-M SAND, little F Gravel, little cinders, tr silt, tr brick	0.0
5	10	1.5	Moist	(5-10') F-M SAND, some Cinders, little wood chips, tr brick, tr F-M Gravel	0.0 (top)
				(Light odor 9-10')	0.4 (bottom)
10	15	2.5	Moist	(10-15') F-M SAND, some F-C Gravel, little silt, tr brick	0.0
15	20	1	Moist	(15-17.5') F-C GRAVEL & F-M SAND	0.0
			Sat @ 19.5'	(17.5-20') F-M SAND, some F-C Gravel, some silt	0.0
20	25	2.5	Sat	(20-23') F-M SAND, little C Sand, little F Gravel, light odor	6.9
				(23-25') F-M SAND AND F-M GRAVEL, some silt	1.1
25	30	1	Sat	(25-30') F-M SAND, some F-M Gravel, little C sand, tr silt	0.0
				END OF EXP.	

Soil Samples Collected:	Time		
SB-42 (20-23)	930	VOC SVOC PP Metals	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-43
Job Number: HER1510.P2	**Date:** 9/13/24
Drilling Company: Core-Down Drilling	**Time:** 1130
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**

Location: 50' S of MW-5

GPS Coordinates

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)	
0	5	2.5	Moist	(0-6") TOPSOIL (F SAND, SILT, trace org.)	0.0	
			Dry	(6"-5') F-M SAND, some F-C Gravel, little silt, trace cinders	0.0	
5	10	1	moist	(5-7.5') SILT, some Clay, trF-C Gravel	0.0	
			moist	(7.5-10') F-M SAND AND SILT, little F-C Gravel, grey, light odor	370.2	
10	15	2.5	moist	(10-13') SAA	85.4	
			moist	(13-15') SAA, grey staining, strong odor	976.4	
15	20	1	moist	(15-20') SAA	311.8	
20	25	2	Sat@20'	(20-25') SAND F-C GRAVEL, some F-M Sand, little silt, grey, light odor	116.7	top
					9.6	bottom
25	30	2.5	Sat	(25-30') F-C GRAVEL AND F-M SAND, little silt	0.0	
					0.0	
		END OF EXPLORATION				

Soil Samples Collected:	Time		
SB-43(13-15')	1200	VOC SVOC PP Metals	

HRP

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-44
Job Number: HER1510.P2	**Date:** 9/13/24
Drilling Company: Core-Down Drilling	**Time:** 820
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: W-most portion of southern Parcel D parking lot	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
Run 1 0	5	2	Dry	(0-1') F-M GRAVEL & F-M SAND	—
				(1'-5') F-M SAND AND SILT, little F-C Gravel, trace brick, trace cinders	0.0
5	10			(5-6') SAA	0.0
Refusal @ 6.5' ; step off				(6-6.5') C GRAVEL, tr F-M Sand	0.0
Run 2 5	10	<1	Dry	(6.5'-10') F-C GRAVEL, little F-M Sand, little weathered concrete	0.0
10	15	2.5	Moist	(10-11.5') F-M SAND, little Silt	0.0
			Moist	(11.5-15') F-M SAND AND SILT, some F-C Gravel	0.0
15	20	2.5	moist	(15-20') F-C GRAVEL AND F-M SAND, some Silt	0.0
20	25	2.5	Moist	(20-21) SAA	0.0
			Sat @ 24.5	(21-25) F-M SAND AND F-C GRAVEL, some Silt, grey stain, moderate odor	326.9
25	30	3	Sat	(25-27') SAA, no stain	110.6
				(27-30') F SAND, little Silt, trace F-M Gravel	30.7 bkgd 0.7 bkgd
		END OF EXPLORATION			

Soil Samples Collected:	Time		
~~SB-44 (4-6')~~ (22-25)	905	VOC SVOC PP Metals	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-45
Job Number: HER1510.P2	**Date:** 8/29/24
Drilling Company: Core-Down Drilling	**Time:** 1350
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: NW Corner of Parcel E	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)	
0	5	2.5	Dry	(0-6") ASPHALT & SUB-BASE	-	
			Dry	(6"-4.5') F-M SAND, some F-C Gravel, little Silt	0.0	
				(4.5-5') BRICK	0.0	
5	10	1.5	Dry	(5-6') BRICK	0.0	
				(6-10') Same as 6"-4.5'	0.0	
10	15	<0.5	moist	F-C GRAVEL, tr Sand/Silt/brick	0.0	
15	20	1	Moist	F-M SAND AND F-C GRAVEL, tr Silt, tr brick	0.0	
20	25	1	Moist	F-C GRAVEL & F-M SAND, little silt, grey, light odor	224.7	←
25	30	2	Sat (25')	F-M SAND, little F-M Gravel, tr Silt	0.0	Native
				END OF EXP		

Soil Samples Collected:	Time		
SB-45 (29 - 30)	1405	VOC, SVOC, PP Metals	

* unsampleable material + poor recovery

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-46
Job Number: HER1510.P2	**Date:** 8/29/24
Drilling Company: Core-Down Drilling	**Time:** 1325
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: NE corner of Parcel E	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	Dry	(0-6") ASPHALT & SUB-BASE	—
				(6"-5') F-M SAND, little Silt, little F-C Gravel, tr brick	0.0
5	10	1.5	Moist	(5-7.5') SAA	0.0
				(7.5'-10') F-M SAND & F-C GRAVEL, trace brick	0.0
10	15	2	Moist	(10-11.5') F-M SAND, little Silt, little F-C Gravel	0.0
				(11.5-15') Same as 7.5-10'	0.0
15	20	2.5	Moist	(15-19') same as 10-11.5'	0.0
				(19-20') F-M SAND AND F-C GRAVEL, little silt, moderate odor, gray staining	8.0
20	25	2	Moist	(20-23') SAA, moderate odor	511.4
			Sat	(23-25') SAA, moderate odor	169.2
25	30	1	Sat	(25-30') F-C GRAVEL AND F-M SAND, little Silt	14.2

END OF EXP.

Soil Samples Collected:	Time		
SB-46(20 - 23)	1340	VOCs, SVOCs, PP Metals	

HRP

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-47/MW-4
Job Number: HER1510.P2	**Date:** 8/29/24
Drilling Company: Core-Down Drilling	**Time:** 1105
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: Center of Parcel E Parking Lot	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2	Dry	(0-6") ASPHALT & SUB-BASE	0.0
			Dry	(6"-2.5') F-M SAND, some F-C Gravel, trace brick	0.0
				(2.5-3') WEATHERED CONCRETE	—
			Moist	(3-5') F-M SAND, some Brick, little Silt	0.0
5	10	1.5	Moist	(5-10') F-M SAND, some F-C Gravel, little Silt, little Brick	0.0
10	15	1	Dry	(10-15') F-M SAND AND F-C GRAVEL, trace Brick	0.0
15	20	1	Moist	(15-17') F-M SAND AND SILT, little F-M Gravel, tr brick	0.0
				(17-18') WEATHERED CONCRETE	—
				(18-20') Same As 15-17'	0.0
20	25	2.5	Saturated	(20-23') F SAND, some Silt, little F-C Gravel, brown	↓
				(23-25') F SAND AND F-M GRAVEL, grey stained, moderate odor	156.1
25	30	2.5	Sat	(25-27.5') F SAND, some F-M Gravel, some Silt, strong odor, grey staining	1,146
				(27.5-30') F SAND AND F-M GRAVEL, little Silt	5.8 Native

END OF EXP

Soil Samples Collected:	Time		
SB-47(25-27)	1130	VOC, SVOC, PP Metals	

HRP

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-48
Job Number: HER1510.P2	**Date:** 9/5/24
Drilling Company: Core-Down Drilling	**Time:** 1155
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: SW corner of Parcel E parking lot	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)	
0	5	1	Dry	(0-6") ASPHALT & SUB-BASE	—	
			Moist	(6"-5') FSAND AND SILT, little F-C Gravel, trace Clay	0.0	
5	10	2	Moist	(5-8') SAA	0.0	
				(8-10') FSAND AND F-C GRAVEL, some Silt, trace brick, trace cinders	0.0	
10	15	2	Moist	(10-12') SAA	0.0	
			Moist	(12-13') SILT AND FSAND, little F Gravel		
				(13-15') Same as 10-12	0.0	
15	20	2.5	Dry	(15-16') SAA	0.0	
			Moist	(16-17') SILT AND F-C	0.0	
			Moist	GRAVEL, some F-M Sand		
			~~Sat to 19'~~	(17-20') FSAND, little Silt	0.0	Native
20	25	2	Moist	(20-23.5') SAA, tr F-M	0.0	
				Gravel		
			Sat	(23.5-25') F-M SAND AND F-C	2.6	
				GRAVEL, little Silt, light odor		
25	30	2.5	Sat	F-M SAND, little F-M Gravel	2.2	
				light odor		
30	35	4.75	Sat	(30-31') SAA	15.0	
				(31-35') CLAY, little Silt	0.0	bottom
				no odor		
END OF EXPLORATION						

Soil Samples Collected:	Time		
SB-48 (28-31')	~~1250~~ 1245	VOC SVOC, PP Metals	

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-49
Job Number: HER1510.P2	**Date:** 9/5/14
Drilling Company: Core-Down Drilling	**Time:** 1300
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: SE of Lot E	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2	D D	0-2.5' - Asphalt / cement 2.5-5' - medium to coarse SAND, COARSE-FINE GRAVELS	0.0 0.0
5	10	1	M	5-10' - SILT w/ little fine sand, some gravel	0.0
10	15	1	S	10-15' - F-M SAND No odor	
15	20	2	M	15-17.5' - SAA	
~~20~~	~~25~~	~~2.5~~	~~M~~	17.5-20' - F to M SAND some silt, some F to M GRAVEL	
20	25	2.5	M	20-23' - SAA 23-25' - M SAND some silt to medium Gravel + some silt	
25	30	2	M	25-27.5' - SAA 27.5-30' - Silt little F to M GRAVEL + little F SAND	

Soil Samples Collected:	Time		
SB-49 (27-30)	1330	VOC, SVOC, PP Metals	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-50
Job Number: HER1510.P2	**Date:** 9/5/19
Drilling Company: Core-Down Drilling	**Time:** 950
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: near center of walkway, SW of entrance to northern building	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5			CONCRETE REFUSAL @ 18"	

Soil Samples Collected:	Time		
~~SB-50 (-)~~		~~VOC, SVOC, RP Metals~~	

HRP

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-S1
Job Number: HER1510.P2	**Date:** 9/5/24
Drilling Company: Core-Down Drilling	**Time:** 1050
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: Just west of eastern elevated walkway	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	Dry	(0-2') ASPHALT & SUB BASE	—
			Moist	(2'-3.5') SILT, some F-M Sand, little Clay, Little F-C Gravel, trace cinders	0.0
			Dry	(3.5'-5') SILT AND F-C Gravel some F-M Sand, trace brick	0.0
5	10	1.5	Dry	(5-10') F-M SAND AND F-C GRAVEL, trace brick	0.0
10	~~15~~ 13	1.5	Dry	(10-13') SAA	0.0
		Refusal at 13'			

Soil Samples Collected:	Time		
SB-S1(2-4)	1100	VOC, SVOC, PP Metals	
SB-S1(10-13)	1105	↓	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-52/MW-3
Job Number: HER1510.P2	**Date:** 8/30/24
Drilling Company: Core-Down Drilling	**Time:** 1310
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: 15' E from stairway & smoke-shop smoking area	
GPS Coordinates	

Sample Interval (ft bg) Top	Sample Interval (ft bg) Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	3	Dry	(0-6") ASPHALT & SUB-BASE	—
			Dry	(6"-3') F-M SAND AND CINDERS, tr F Gravel, tr Silt	0.0
			Dry	(3-4') BRICK	0.0
			Moist	(4'-5') F SAND AND SILT, some F-M Gravel, trace brick	0.0
5	10	2.5	Moist	(5-10') SAA	0.0
10	15	1	Dry	(10-15') F-C GRAVEL AND SILT, tr brick	0.0
15	20	3	Dry	(15-18') F-M SAND, little F-C Gravel	0.0
			Dry	(18-18.5') F-C GRAVEL, tr F Sand	0.0
			Moist	(18.5-20') F-M SAND, little F-C Gravel, little C Sand, tr Silt	0.0
20	25	1.5	Sat (20')	(20-25') F-C GRAVEL AND F-M SAND, tr silt	0.0 to 0
				Slight odor at bottom	0.0 bottom
25	30	4	Sat	(25-27') SAA, slight odor, gray staining	7.5
				(27-30') CLAY	0.0

Soil Samples Collected:	Time		
SB-52 (25-27')	1355	VOC, SVOC, PP Metals	

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-60
Job Number: HER1510.P2	**Date:** 9/3/24
Drilling Company: Core-Down Drilling	**Time:** 1230
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: Just N of WWTP building	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	3.5	Dry	(0-6") ASPHALT & SUB-BASE	—
			Dry	(6"-2.5') F-M SAND AND F-C GRAVEL, little Silt, little Brick, tr cinders	0.0
			Moist	(2.5-5) F-M SAND, little F-M Gravel, some Cinders, tr brick strong odor, black Staining	14.2
5	10	2	Moist	(5-6') M-F SAND, grey, strong odor	7.8
			Moist	(6-10') SILT & CLAY, tr F Sand grey	0.0
10	15	5	Sat @ 12.5'	(10-15) SAA, F Sand lenses @ 12.5' & 14.5	0.0
15	20	5	Sat	SAA	0.0
		END	OF EXP		

Soil Samples Collected:	Time		
SB-60 (3-6')	1245	VOC, SVOC, PP Metals	

HRP
MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-6
Job Number: HER1510.P2	**Date:** 9/4/24
Drilling Company: Core-Down Drilling	**Time:** 13:15
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: SW-most portion of Site, just SW of fire hydrant w/ flag	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	Dry	(0-1') TOPSOIL (F SAND, little F Gravel, little silt, little organics)	0.0
				(1-5') F-M SAND, some F-C Gravel, trace brick, trace silt	0.0
5	10	2.1	Dry	(5-10') F-M SAND AND F-C GRAVEL, tr silt (moist @ bottom.)	0.0
10	15	N/A	—	NO RECOVERY	—
15	20	→		rock caught in shoe; step off	
		Refusal @ 15 on step off			

Soil Samples Collected:	Time		
SB-6 (0-5)	11:00	VOC, SVOC, PP Metals	

HRP
MOVE YOUR ENVIRONMENT FORWARD

EJ

Project: Remington Arms	**Boring I.D.:** SB-62
Job Number: HER1510.P2	**Date:** 9/9/24
Drilling Company: Core-Down Drilling	**Time:** 0900
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer:** EJ
Location: SE of N_2 unloading area; power plant	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)	
0	5	2.5	Dry	(0-6") ASPHALT & SUB-BASE	—	
			Dry	(6"-2.5') F-C GRAVEL, some F-M Sand, tr Brick	0.0	Fill
			Mo. st	(2.5-5') F SAND, some Silt,	0.0	
				1.Mo F-C Gravel, tr Brick		
5	10	2	Mo. st	(5-10') F SAND, orange-tan	0.0	
10	15	4.5	Mo. st	(10-14') SILT, little F SAND, little	0.0	
				Clay [F SAND lens 12-12.5']		
			Moist	(14-15') F SAND, orange-tan	0.0	
15	20	4	Mo. st	SAA	0.0	
20	25	5	Mo. st	(20-22') SAA	0.0	
			Dry	(22-25') SILT, little Clay, little	0.0	
				F SAND		
25	30	5	Dry	(25-30') SAA	0.0	
		END OF EXPLORATION				

Soil Samples Collected:	Time		
SB-62 (2-5)	1010	VOCs/SVOCs/PP Metals	

MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-63/MW-8
Job Number: HER1510.P2	**Date:** 9/9/24
Drilling Company: Core-Down Drilling	**Time:** 1100
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location: Central portion of parking lot S of gate	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
0	5	2.5	Dry	(0-6") ASPHALT & SUB-BASE	✓
			D-y	(6"-5') F-M SAND AND F-C GRAVEL some Silt trace brick	0.0
5	10	2.5	Dry	(5-10') SAA, little Silt	0.0
10	15	4	Sat@10.5	(10-15') F SAND, tr Silt	0.0
15	20	5	Sat	(15-17.5) SAA	0.0
				(17.5-20') SILT, some clay, tr F Sand	
		END OF EXPLORATION			

Soil Samples Collected:	Time		
SB-63(10-12)	1115	VOC, SVOC, PP Metals	

SAMPLE JUSTIFICATIONS

HRP — MOVE YOUR ENVIRONMENT FORWARD

Project: Remington Arms	**Boring I.D.:** SB-1 thru 63; plus WC samples
Job Number: HER1510.P2	**Date:** 8/26-9/16/24
Drilling Company: Core-Down Drilling	**Time:**
Drilling Equipment: GeoProbe 7822DT	**Drilling Method: Direct push**
Sampling Method: 5-foot Macrocore	**Observer: EJ**
Location:	
GPS Coordinates	

Sample Interval (ft bg) Top	Bottom	Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
SB-1 (12-14) → deepest int. reached				SB-2 (0.5-4) → characterize fill	
SB-3 (14-16) → PID, odor, above WTI				SB-4 (0.5-2.5) → characterize fill	
SB-5 (17.5-20) → PID, odor, WTI				SB-6 (21-23) → WTI, odor	
SB-7 (15-18) → PID, odor, above WTI				SB-8 (25-28) → characterize native/vertical delineation	
SB-9 (17-20) → PID, odor, above WTI				SB-10 (23-26) → PID, odor, WTI	
SB-11 (20-23) → PID, odor, above WTI				SB-12 (10-12) → characterize fill	
SB-13 (2-4) → characterize fill				SB-14 (12-15) → 1,513ppm PID, odor, staining, above WTI	
SB-15 (20-23) → PID, odor, above WTI				SB-16 (21-24) PID, odor, WTI	
SB-17 (25-28) → characterize native, WTI				SB-18 (2-5) → characterize fill	
SB-19 (1-3) → characterize fill				SB-20 (1-2.5) → characterize fill	
SB-21 (1-2.5) → characterize fill				SB-22 (16-18) → odor, above WTI	
SB-23 (18-21) → PID, odor, WTI				SB-24 (23-25) → odor, PID, sheen on wet soil, WTI	
SB-25 (1-3) → characterize fill				SB-26 (5-6) → characterize fill	
SB-27 (1-3) → characterize fill				SB-28 (0.5-2) → characterize fill	
SB-29 (1-4) → characterize fill				SB-30 (4-6) → characterize fill	
SB-31 ( ) → characterize fill				SB-32 (10-12) → characterize fill	
SB-33 (8-10) → PID, characterize fill				SB-34 (25-27) → PID, odor, WTI	
SB-35 (1-4) → characterize fill				SB-36 (3-5) → characterize fill	
SB-37 (2.5-3.5) → characterize fill				SB-38 (3-5) → characterize fill	
SB-39 (1.5-3.5) → characterize fill				SB-40 (22-24) → PID, odor, stain, WTI	
SB-41 (5-9) → characterize fill				SB-42 (20-23) → WTI	
SB-43 (13-15) → PID, odor, stain, above WTI				SB-44 (22-25) → stain, odor, PID, WTI	
SB-45 (28-30) → delineate vertical extent (native)				SB-46 (20-23) → stain, odor, PID, wti	
SB-47 (25-27) → 1,146ppm PID, odor, stain, WTI				SB-48 (28-31) → delineate vertical extent (native)	
SB-49 (27-30) → characterize native				SB-51 (x2) → characterize fill layers	

Soil Samples Collected:	Time	
SB-52 (25-27) → WTI, staining, odor	SB-60 (3-6) characterize fill/odors	
SB-61 (2-5) → Characterize fill	SB-62 (2-5) → characterize fill	
SB-63 (10-12) → WTI		

GS-1 thru 4 & CS-1 thru 4 → Waste characterization samples (Parcel F)

BS-200 → Waste characterization samples (basement)

APPENDIX C
Monitoring Well Installation and Sampling Logs

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: MW-1

PAGE 1 OF 1

PROJECT: Remington Arms Facility	SCREEN SIZE & TYPE: Sch. 40 PVC
JOB NUMBER: HERI510.P2	SLOT NO.: 10 SETTING: 27-17
DATE COMPLETED: ~~8/29/24~~ 8/29/24	SAND PACK SIZE & TYPE: #0 F:1 pro
DRILLING COMPANY: Cox-Down Drilling	SETTING: 27-15
RIG TYPE: GeoProbe	CASING SIZE & TYPE: 2" Sch. 40 PVC
DRILLING METHOD: ~~HSA~~ Direct Push	SETTING: 17-0
HAMMER WEIGHT/DROP: Auto	SEAL TYPE: Bentonite Pellets
SAMPLING METHOD: Direct push (separate)	SETTING: 15-13
OBSERVER: EJ	BACKFILL TYPE: Clean Cuttings 13-0
HEADSPACE PID READING:	STATIC WATER LEVEL:
STICK-UP: N/A	GPS COORDINATES (IF APPLICABLE):
SURFACE COMPLETION: road box	

REMARKS: Refusal w/ HSA @ 17'

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

DEPTH (FEET) FROM	TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
			See SB-2 log (separate)				

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: MW-2

PAGE 1 OF 1

PROJECT: Remington Arms	SCREEN SIZE & TYPE: 2" Sch. 40 PVC
JOB NUMBER: HER1510.P2	SLOT NO.: 10 SETTING: 25-15
DATE COMPLETED: 2/29/24	SAND PACK SIZE & TYPE: #0 Filpro
DRILLING COMPANY: Core-Down	SETTING: 25-13
RIG TYPE: Geoprobe 6712DT	CASING SIZE & TYPE: 2" Sch 40 PVC
DRILLING METHOD: Direct Push	SETTING: 15-0
HAMMER WEIGHT/DROP: Auto	SEAL TYPE: Bentonite chips
SAMPLING METHOD: Direct Push	SETTING: 13-11
OBSERVER: ES	BACKFILL TYPE: #0 Filpro 11-0
HEADSPACE PID READING:	STATIC WATER LEVEL:
STICK-UP: N/A	GPS COORDINATES (IF APPLICABLE):
SURFACE COMPLETION: road box	

REMARKS: refusal @ 9.5' w/ HSA; refusal @ 25' w/ DP

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

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
			See SB-24 log (separate)				

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: MW-3

PAGE 1 OF 1

PROJECT: Remington Arms	SCREEN SIZE & TYPE: 2" Sch 40 PVC
JOB NUMBER: HERI510.P2	SLOT NO.: 10 SETTING: 27-17
DATE COMPLETED: 9/3/24	SAND PACK SIZE & TYPE: #0 F1pro
DRILLING COMPANY: Core-Dam	SETTING: 27-15
RIG TYPE: Geoprobe 6712DT	CASING SIZE & TYPE: 2" Sch 40 PVC
DRILLING METHOD: DP	SETTING: 17-0
HAMMER WEIGHT/DROP: Auto	SEAL TYPE: Bentonite Chips
SAMPLING METHOD: DP	SETTING: 15-13
OBSERVER: ES	BACKFILL TYPE: #0 F1pro 13-0
HEADSPACE PID READING:	STATIC WATER LEVEL:
STICK-UP: N/A	GPS COORDINATES (IF APPLICABLE):
SURFACE COMPLETION: Road box	

REMARKS: Refusal @ 15' @ original proposed location

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

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
			See SB-57 log (separate)				

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: MW-4

PAGE 1 OF 1

PROJECT: Runnytos Arms	SCREEN SIZE & TYPE: 28-18 2" Sch 40 PVC
JOB NUMBER: HER1510.P2	SLOT NO.: 10 SETTING:
DATE COMPLETED: 6/29/24	SAND PACK SIZE & TYPE: #0 F-1pro
DRILLING COMPANY: Core-Down	SETTING: 28-16
RIG TYPE: Geoprobe 6712 DT	CASING SIZE & TYPE: 2" Sch 40 PVC
DRILLING METHOD: DP	SETTING: 18-0
HAMMER WEIGHT/DROP: Auto	SEAL TYPE: Bentonite chips
SAMPLING METHOD: DP	SETTING: 16-14
OBSERVER: EJ	BACKFILL TYPE: #0 F-1pro
HEADSPACE PID READING:	STATIC WATER LEVEL:
STICK-UP: N/A	GPS COORDINATES (IF APPLICABLE):
SURFACE COMPLETION: Flush Mount	

REMARKS: NAPL globules observed

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

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
			See SB-47 (seperate log)				

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: MW-5

PAGE 1 OF 1

PROJECT: Remington Arms	SCREEN SIZE & TYPE: 2" Sch 40 PVC
JOB NUMBER: HERI510.P2	SLOT NO.: 10 SETTING: 27-17
DATE COMPLETED: 8/30/24	SAND PACK SIZE & TYPE: #0 F1 pro
DRILLING COMPANY: Core-Dawn	SETTING: 27-15
RIG TYPE: Geoprobe 6712	CASING SIZE & TYPE: 2" Sch 40 PVC
DRILLING METHOD: DP	SETTING: 17-0
HAMMER WEIGHT/DROP: Auto	SEAL TYPE: Bentonite Chips
SAMPLING METHOD: DP	SETTING: 15-13
OBSERVER: EJ	BACKFILL TYPE: #0 F1 pro
HEADSPACE PID READING:	STATIC WATER LEVEL:
STICK-UP: N/A	GPS COORDINATES (IF APPLICABLE):
SURFACE COMPLETION: Road Box	

REMARKS:

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

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
			See SB-42				

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: MW-6

PAGE 1 OF 1

PROJECT: Remington Arms	SCREEN SIZE & TYPE: 2" Sch 40 PVC
JOB NUMBER: HERI510-P2	SLOT NO.: 10 SETTING: 15-5
DATE COMPLETED: 9/3/24	SAND PACK SIZE & TYPE: #0 Filpro
DRILLING COMPANY: Core Down	SETTING: 15-3
RIG TYPE: GP 6712DT	CASING SIZE & TYPE: 2" Sch. 40 PVC
DRILLING METHOD: DP	SETTING: 5-0
HAMMER WEIGHT/DROP: Auto	SEAL TYPE: Bentonite chips
SAMPLING METHOD: DP	SETTING: 3-1
OBSERVER: EJ	BACKFILL TYPE: #0 Filpro 1-0
HEADSPACE PID READING:	STATIC WATER LEVEL:
STICK-UP:	GPS COORDINATES (IF APPLICABLE):
SURFACE COMPLETION: Flush mount	

REMARKS: Running Sands, Shallow WT I

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

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
			See SB		(separate log		

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: MW-7

PAGE 1 OF 1

PROJECT: Remington Arms	SCREEN SIZE & TYPE: 2" Sch 40 PVC
JOB NUMBER: HERI510.P2	SLOT NO.: 10 SETTING: 4-14
DATE COMPLETED: 9/4/24	SAND PACK SIZE & TYPE: #0 F.1pro
DRILLING COMPANY: Cox-Dawn	SETTING: 14-2
RIG TYPE: GP6712DT	CASING SIZE & TYPE: 2" Sch 40 PVC
DRILLING METHOD: DP	SETTING: 4-0
HAMMER WEIGHT/DROP: Auto	SEAL TYPE: Bentonite Chips
SAMPLING METHOD: DP	SETTING: 2-0
OBSERVER: EJ	BACKFILL TYPE: #0 Filpro N/A
HEADSPACE PID READING:	STATIC WATER LEVEL: ⚓
STICK-UP:	GPS COORDINATES (IF APPLICABLE):
SURFACE COMPLETION: Flushmount	

REMARKS:

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

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
			See SB-29 log (separate)				

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: MW-8

PAGE 1 OF 1

PROJECT: Clemston AMS	SCREEN SIZE & TYPE: 2" Sch 40 PVC
JOB NUMBER: HER1310.P2	SLOT NO.: 10 SETTING: 18-8
DATE COMPLETED: 9/9/24	SAND PACK SIZE & TYPE: #0 Filpro
DRILLING COMPANY: Low-Down	SETTING: 18-6
RIG TYPE: GP 7822DT	CASING SIZE & TYPE: 2" Sch 40 PVC
DRILLING METHOD: DP	SETTING: 8-0
HAMMER WEIGHT/DROP: Auto	SEAL TYPE: Bentonite chips
SAMPLING METHOD: DP	SETTING: 6-4
OBSERVER: ES	BACKFILL TYPE: #0 Filpro 4-0
HEADSPACE PID READING:	STATIC WATER LEVEL:
STICK-UP: N/A	GPS COORDINATES (IF APPLICABLE):
SURFACE COMPLETION: flush mount	

REMARKS:

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

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
			See SB-03 log (separate)				

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: Remington Arms Phase II	WAS #: MW-1	Field Personnel: E Jackson
Location:	Well ID.:	Weather:
Sounding Method:	Gauge Date: 9/10/24	Measurement Ref: Top of Casing
Stick Up/Down (ft): N/A	Gauge Time: 1515	Well Diameter (in): 2

Purge Date: 9/10/24	Purge Time:
Purge Method: Whale pump	Field Technician:

1) Well Depth (ft): 26.00	4) Well Diameter (in): 2	7) Five Well Volumes (gal): 9.20
2) Depth to Water (ft): 14.72	5) Well Volume / Foot (gal) (d^2x.0408): 0.1632	Depth/Height of Top of PVC: -6"
3) Height of H_2O Column (1-2) (ft): 11.28	6) Total Well Volume (gal) (3x5): 1.84	Pump Type: Whale

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1525		4	1	7.35	-118	16.76	3.21	3.90	71000
~~1530~~ 1528		6.5	1	7.21	-147	16.75	3.02	8.16	71000
1531		11	1	7.18	-150	16.73	3.00	2.86	71000
1534		14	1	~~7.28~~ 7.19	-149	16.73	2.99	2.91	715
1540		16	< 1 0.67	7.18	-163	17.53	2.90	2.54	910
1543		18	< 1 0.67	7.17	-162	16.91	2.94	2.63	907
1546		21	0.67	7.18	-161	16.70	2.92	2.90	627
1549		23	0.67	7.17	-157	16.53	2.91	2.86	424
1552		25	0.67	7.16	-158	16.49	2.92	2.52	330
1555		27	0.67	7.17	-161	16.51	2.90	2.53	291
1558		29	0.67	7.17	-162	16.52	2.91	2.54	97
1601		31	0.67	7.17	-163	16.52	2.90	2.55	48

Total Quantity of Water Removed (gal):		Sampling Time:	
Samplers:		Split Sample With:	
Sampling Date:		Sample Type:	

COMMENTS AND OBSERVATIONS:	light odor on H_2O * pump off to bring H_2O to drum

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: Remington Arms Phase II	WAS #: HER1510.P2	Field Personnel: E Jackson
Location:	Well ID.: MW-2	Weather: Sunny, 70°F
Sounding Method:	Gauge Date: 9/10/24	Measurement Ref: Top of Casing
Stick Up/Down (ft): N/A	Gauge Time: 1400	Well Diameter (in): 2

Purge Date: 9/10/24	Purge Time: 1400 - 1510
Purge Method: Whale pump	Field Technician: E. Jackson

1) Well Depth (ft): 23.71	4) Well Diameter (in): 2	7) Five Well Volumes (gal): 3.63
2) Depth to Water (ft): 19.26	5) Well Volume / Foot (gal) (d^2x.0408): .1632	Depth/Height of Top of PVC: -6"
3) Height of H_2O Column (1-2) (ft): 4.45	6) Total Well Volume (gal) (3x5): 0.73	Pump Type: Whale

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm) mS/cm	DO (ug/L)	Turbidity (ntu)
1410				6.78	-137	18.43	7.72	1.94	>1000
1415				7.02	-207	17.16	7.73	2.02	>1000
~~1420~~ 1425				7.01	-199	16.61	7.77	2.73	>1000
1430				7.00	-202	16.06	7.82	2.76	>1000
1435				6.98	-202	16.06	7.89	4.82	923
1440				6.99	-201	15.99	7.91	4.76	917
1445				6.99	-199	15.96	7.87	2.55	853
1450				6.97	-197	15.90	7.92	3.00	846
1455				6.98	-196	15.86	7.95	7.00	651
1500				6.98	-195	15.83	7.95	2.46	432
1505				6.98	-194	~~15.84~~ 15.94	7.95	4.49	~~49~~
1510									

Total Quantity of Water Removed (gal):	4.0	Sampling Time:	N/A
Samplers:	N/A	Split Sample With:	N/A
Sampling Date:	N/A	Sample Type:	N/A
COMMENTS AND OBSERVATIONS:	Well ran dry after 1 gal purged (1400-1405) Sheen on water, l. sht odor		

→ beware of running dry during low-flow

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: Remington Arms Phase II	WAS #:	Field Personnel: E Jackson
Location:	Well ID.: MW-3	Weather: Sunny, 75°F
Sounding Method:	Gauge Date: 9/11/24	Measurement Ref: Top of Casing
Stick Up/Down (ft): N/A	Gauge Time: 1330	Well Diameter (in): 2

Purge Date: 9/11/24	Purge Time: 1350 – 1450
Purge Method: Whale pump	Field Technician:

1) Well Depth (ft): 26.84	4) Well Diameter (in): 2	7) Five Well Volumes (gal): 6.15
2) Depth to Water (ft): 19.30	5) Well Volume / Foot (gal) (d^2x.0408): .1632	Depth/Height of Top of PVC: -6"
3) Height of H_2O Column (1-2) (ft): 7.54	6) Total Well Volume (gal) (3x5): 1.23	Pump Type: Whale

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1355		—	0.5	7.41	-78	19.46	2.36	3.36	>1000
1400		2.5	0.5	7.23	-78	19.20	2.36	3.82	136
1405		5	0.5	7.21	-72	19.00	2.37	4.36	656
1410		7.5	0.5	7.18	-84	18.89	2.37	3.92	221
1415		10	0.5	7.18	-74	18.84	2.35	2.43	715
1420		15	1	7.18	-102	18.74	2.38	1.87	714
1425		18	0.67	7.17	-94	18.75	2.40	2.97	716
1430		19.25	0.25	7.1	-90	19.04	2.42	1.92	425
1435		22.5	1	7.21	-91	18.79	2.39	2.34	594
1440		27.5	1	7.19	-72	18.72	2.40	2.94	124
1445		32.5	1	7.20	-74	18.71	2.39	2.99	76
1450		37.5	1	7.19	-73	18.71	2.40	3.01	~~0450~~ 48

Total Quantity of Water Removed (gal):	37.5	Sampling Time:	N/A
Samplers:	N/A	Split Sample With:	N/A
Sampling Date:	N/A	Sample Type:	N/A

COMMENTS AND OBSERVATIONS:

+ lowered further down well
light sheen, no odor

Δ battery dead

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: Remington Arms Phase II	WAS #:	Field Personnel: E Jackson
Location:	Well ID.: MW-4	Weather: 80°F, sunny
Sounding Method:	Gauge Date: 9/13/24	Measurement Ref: Top of Casing
Stick Up/Down (ft):	Gauge Time:	Well Diameter (in): 2

Purge Date: 9/13/24	Purge Time: 1245-1308
Purge Method:	Field Technician:

1) Well Depth (ft): 27.56	4) Well Diameter (in): 2	7) Five Well Volumes (gal): 6.97
2) Depth to Water (ft): 19.02	5) Well Volume / Foot (gal) (d^2x.0408): 0.1632	Depth/Height of Top of PVC: -6"
3) Height of H_2O Column (1-2) (ft): 8.54	6) Total Well Volume (gal) (3x5): 1.39	Pump Type: Whale

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1250		5	1	7.60	-178	20.12	3.44	2.56	930
1253		9	.8	7.48	-205	17.79	3.41	8.82	328
1256		13	.8	7.40	-209	16.57	3.44	7.34	190
1259		17	.8	7.47	-211	15.91	3.45	2.81	175
1302		10	.67	7.36	-213	15.42	3.47	2.10	119
1305		21	.33	7.34	-214	15.50	3.46	2.77	99.6
1308		22	.33	7.35	-215	15.46	3.46	2.86	36.4

Total Quantity of Water Removed (gal):	22	Sampling Time:	
Samplers:		Split Sample With:	
Sampling Date:		Sample Type:	

COMMENTS AND OBSERVATIONS:	Strong odor on H_2O

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: Remington Arms Phase II	WAS #:	Field Personnel: E Jackson
Location:	Well ID.: MW-5	Weather: 75°F, sunny
Sounding Method:	Gauge Date: 9/12/24	Measurement Ref: Top of Casing
Stick Up/Down (ft):	Gauge Time: 1320	Well Diameter (in): 2

Purge Date: 9/12/24	Purge Time: 1328-1353
Purge Method: Whale pump	Field Technician:

1) Well Depth (ft): 27.20	4) Well Diameter (in): 2	7) Five Well Volumes (gal): 8.80
2) Depth to Water (ft): 16.42	5) Well Volume / Foot (gal) (d^2x.0408): .1632	Depth/Height of Top of PVC: -6"
3) Height of H_2O Column (1-2) (ft): 10.78	6) Total Well Volume (gal) (3x5): 1.76	Pump Type: Whale

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1328		3	0.67	7.30	-96	16.08	1.37	3.80	>1000
1333		6	0.67	7.07	-59	14.60	1.43	3.13	>1000
1339		9	0.67	7.06	-54	14.14	1.48	2.71	366
1341		11	0.67	6.98	-52	13.95	1.49	2.16	175
1344		14	1	7.00	-159	13.78	1.48	2.71	80.4
1347		16	0.67	6.94	-161	13.77	1.50	345	35.5
1350		18	0.67	6.94	-162	13.77	1.51	3.61	16.7
1353		20	0.67	6.95	-163	13.77	1.50	3.59	15.4

Total Quantity of Water Removed (gal):	20	Sampling Time:	
Samplers:		Split Sample With:	
Sampling Date:		Sample Type:	
COMMENTS AND OBSERVATIONS:			

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: Remington Arms Phase II	WAS #:	Field Personnel: E Jackson
Location:	Well ID.: MW-6	Weather: 75°F, Sunny
Sounding Method:	Gauge Date: 9/11/24	Measurement Ref: Top of Casing
Stick Up/Down (ft):	Gauge Time: 1500	Well Diameter (in): 2

Purge Date: 9/11/24	Purge Time: 1505 – 1555
Purge Method: Whale Pump	Field Technician:

1) Well Depth (ft): 13.80	4) Well Diameter (in): 2	7) Five Well Volumes (gal): 7.96
2) Depth to Water (ft): 4.05	5) Well Volume / Foot (gal) (d^2x.0408): wa .1632	Depth/Height of Top of PVC: -6"
3) Height of H_2O Column (1-2) (ft): 9.75 ~~13.80~~	6) Total Well Volume (gal) (3x5): 1.59	Pump Type: Whale

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1505				7.34	-225	22.16	2.31	1.39	>1000
1515				7.42	-208	21.70	2.75	2.15	>1000
1525				7.40	-201	21.49	2.89	6.55	910
1535				7.39	-205	21.22	2.89	3.01	309
1545				7.35	-204	21.26	2.89	3.02	68
1555				7.39	-204	21.24	2.89	3.03	33

Total Quantity of Water Removed (gal):	8.00	Sampling Time:	N/A
Samplers:	N/A	Split Sample With:	N/A
Sampling Date:	N/A	Sample Type:	N/A

COMMENTS AND OBSERVATIONS:	*well repeatedly runs dry; allowing 10 min for recharge ↳ well developed after 5 well volumes removed

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: Remington Arms Phase II	WAS #:	Field Personnel: E Jackson
Location:	Well ID.: MW-7	Weather: 75°F, Sunny
Sounding Method:	Gauge Date: 1600 9/11/24	Measurement Ref: Top of Casing
Stick Up/Down (ft): N/A	Gauge Time: ↓	Well Diameter (in): 2

Purge Date: 9/11/24	Purge Time: 1600
Purge Method: whale pump	Field Technician:

1) Well Depth (ft): 13.02	4) Well Diameter (in): 2	7) Five Well Volumes (gal): 5 x .2448 = 1.22
2) Depth to Water (ft): 11.52	5) Well Volume / Foot (gal) (d^2x.0408): .1632	Depth/Height of Top of PVC: -6"
3) Height of H_2O Column (1-2) (ft): 1.50	6) Total Well Volume (gal) (3x5): .2448	Pump Type: whale

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1600									

Total Quantity of Water Removed (gal):	2	Sampling Time:	
Samplers:		Split Sample With:	
Sampling Date:		Sample Type:	

COMMENTS AND OBSERVATIONS:	well ran dry after 500mL; insufficient recharge for readings water v. shallow clear after 5 well volumes purged

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: Remington Arms Phase II	WAS #:	Field Personnel: E Jackson
Location:	Well ID.: MW-8	Weather: 78°F, sunny
Sounding Method:	Gauge Date: 9/12/24	Measurement Ref: Top of Casing
Stick Up/Down (ft):	Gauge Time: 1410	Well Diameter (in): 2

Purge Date: 9/12/24	Purge Time: 1415 - 1450
Purge Method: Whale pump	Field Technician:

1) Well Depth (ft): 17.60	4) Well Diameter (in): 2	7) Five Well Volumes (gal): 5.13
2) Depth to Water (ft): 11.31	5) Well Volume / Foot (gal) (d^2x.0408): .1632	Depth/Height of Top of PVC: -6
3) Height of H_2O Column (1-2) (ft): 6.29	6) Total Well Volume (gal) (3x5): 1.03	Pump Type: Whale

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1417		2	1	7.66	-202	20.35	1.92	3.08	298
1422		2	—	7.55	-210	19.36	1.96	3.07	>277

Total Quantity of Water Removed (gal):	5.25	Sampling Time:	
Samplers:		Split Sample With:	
Sampling Date:		Sample Type:	

COMMENTS AND OBSERVATIONS:	Well repeatedly ran dry; insufficient volume to collect readings Water visually clear after 5 well volumes purged

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HRP ASSOCIATES, INC.

PAGE ____ OF ____

SAMPLE DATE: 9/26

TOTAL # WELLS: 8

W

LOW-FLOW SAMPLING LOG

Client Name: Remmington Arms | Sample Pump: Geopump

Project Locatior: Remmington Arms | Tubing Type: HDPE

Sampler(s): LT | Monitoring Equipment: YSI

Well I.D. MW-1 | Screen Setting (ft btoc): 17 to 27

Well Diameter (inches): 2 | Tubing Intake (ft btoc): 22

Total Depth (ft btoc): 27 | Comments: Screen = dolous

Depth to Water (ft btoc): ____

Height of Water Column (ft): ____ One Well Volume† (gal) ____ Purge Volume (gal): ____

Well Condition: ____

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (°C)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
10:00			17.2	7.04	-84.9	3.887	3.04	1.54
10:03			17.4	7.04	-91.2	4.029	.58	1.29
10:06			17.3	7.04	-92.7	4.117	15.16	1.18
10:09			17.3	7.04	-93.3	4.177	21.30	1.12
10:12			17.2	7.04	-94.1	4.246	27.53	1.11
10:15			17.3	7.04	-95.2	4.277	32.14	1.12
10:18			17.3	7.04	-95.4	4.301	35.12	1.13
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			[illegible]	7.04	-96.9	[illegible]	[illegible]	[illegible]
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

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

Sample Time: ____ Reviewed by: ____

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

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

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HRP Associates, Inc.

PAGE _____ OF _____

SAMPLE DATE: 7/21

LOW-FLOW SAMPLING LOG

TOTAL # WELLS: _____

Client Name: Remmington ARMS
Project Locatior Remmington
Sampler(s): LT

Sample Pump: GeoPump
Tubing Type: HDPE
Monitoring Equipment: YSI

Well I.D. MW-2
Well Diameter (inches): 2
Total Depth (ft btoc): 25
Depth to Water (ft btoc): _____

Screen Setting (ft btoc): 25 to 15
Tubing Intake (ft btoc): 10
Comments: _____

Height of Water Column (ft): _____ One Well Volume† (gal) _____ Purge Volume (gal): _____

Well Condition: _____

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (°C)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
12:40			18.4	6.90	-29.5	8.844	104.87	2.43
12:43			16.9	6.87	-81.9	9.03	8.19	1.46
12:46			16.9	6.88	-90.2	9.117	18.78	1.28
12:49			16.8	6.89	-93.4	9.187	45.36	1.30
12:52			16.8	6.89	-93.4	9.221	105.31	1.27
12:55			16.9	6.88	-94.5	9.225	112.38	1.24
12:58			16.8	6.89	-95.6	9.229	134.81	1.22
1:01			16.9	6.88	-97.2	9.334	164.2	1.19
1:04			16.8	6.87	-97.1	320	84.82	1.19
1:07			16.7	6.87	-97.8	9.395	111.17	1.16
1:10			16.8	6.87	-98.7	9.372	109.44	1.15
1:13			16.8	6.87	-100.2	9.388	152.77	1.14

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

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

Sample Time: _____ Reviewed by: _____

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

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

HRP ASSOCIATES, INC.

PAGE _____ OF _____

SAMPLE DATE: _____

LOW-FLOW SAMPLING LOG

TOTAL # WELLS: _____

Client Name: Remington Arms — Sample Pump: Geopump Peri

Project Locatior Ilion NY — Tubing Type: HDPE

Sampler(s): N. Wilmot — Monitoring Equipment: YSI

Well I.D. MW-3 — Screen Setting (ft btoc): 17 to 27

Well Diameter (inches): 2 — Tubing Intake (ft btoc): _____

Total Depth (ft btoc): 27 — Comments: _____

Depth to Water (ft btoc): _____

Height of Water Column (ft): _____ One Well Volume† (gal) _____ Purge Volume (gal): _____

Well Condition: Good / New

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (°C)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1005			18.2	7.06	-97.1	4.018	495.4	1.15
1010			18.4	7.01	-72.5	3.397	208.7	0.82
1015			18.5	6.92	-58.8	2.585	77.3	0.71
1020			18.5	6.92	-44.2	2.552	257.1	0.70
1025			18.6	6.93	-30.1	2.537	404.6	0.68
1030			18.6	6.93	-21.6	2.537	642.4	0.67
1035			18.5	6.94	-17.9	2.557	379.6	0.69
1040			18.5	6.94	-15.3	2.570	298.9	0.70
1045			18.5	6.95	-14.0	2.579	324.1	0.70
1050			18.4	6.96	-12.1	2.590	350.7	0.69
1055			18.4	6.96	-10.4	2.598	360.1	0.69
1100	Sample							

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

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

Sample Time: 1100 — Reviewed by: _____

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

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

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HRP ASSOCIATES, INC.

PAGE _____ OF _____

SAMPLE DATE: _____

LOW-FLOW SAMPLING LOG

TOTAL # WELLS: _____

Client Name: Remington Arms — Sample Pump: Geopump

Project Locatior: Remmington Arms Ilion NY — Tubing Type: HDPE

Sampler(s): LT — Monitoring Equipment: YS

Well I.D. MW-4 — Screen Setting (ft btoc): 18 to 28

Well Diameter (inches): 2 — Tubing Intake (ft btoc): 23

Total Depth (ft btoc): _____ — Comments: _____

Depth to Water (ft btoc): _____

Height of Water Column (ft): _____ One Well Volume† (gal) _____ Purge Volume (gal): _____

Well Condition: _____

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (°C)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
11:38			23.9	8.24	103.5	0.010	27.37	8.36
11:38			17.5	7.34	52.2	4.817	68.24	2.42
11:41			16.3	7.29	49.9	4.835	69.76	1.37
11:44			16.1	7.28	40.2	4.817	70.28	1.30
11:47			16.3	7.28	27.2	4.815	71.75	1.25
11:50			16.2	7.28	3.8	4.795	75.51	1.21
11:53			16.2	7.28	-20.4	4.776	99.83	1.19
11:56			16.1	7.29	-42.9	4.772	121.19	1.16
11:59			16.1	7.29	-49.9	4.711	126.03	1.15
12:02			16.1	7.29	-57.6	4.699	146.45	1.14
12:05			16.2	7.30	-67.0	4.675	159.97	1.13
12:08			16.6	7.30	-71.6	4.676	168.6	1.12

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

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

Sample Time: 12:10 — Reviewed by: _____

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

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

HRP

HRP ASSOCIATES, INC.

PAGE _____ OF _____

SAMPLE DATE: _____

LOW-FLOW SAMPLING LOG

TOTAL # WELLS: _____

Client Name: Remington Arms — Sample Pump: Geotech peri

Project Locatior: Ilion NY — Tubing Type: HDPE

Sampler(s): N. Willmart — Monitoring Equipment: YSI Pro DSS

Well I.D. MW-5 — Screen Setting (ft btoc): 17 to 27

Well Diameter (inches): 2 — Tubing Intake (ft btoc): _____

Total Depth (ft btoc): _____ — Comments: _____

Depth to Water (ft btoc): _____

Height of Water Column (ft): _____ One Well Volume† (gal) _____ Purge Volume (gal): _____

Well Condition: Good / New

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (°C)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1310		~200	13.0	7.06	48.6	1.436	533.3	4.09
1315		~200	12.9	7.02	70.4	1.426	65.2	3.37
1320		~200	12.8	7.01	72.8	1.426	71.1	3.31
1325		~200	12.9	7.03	75.9	1.425	66.4	3.36
1330		~200	12.8	7.03	78.0	1.423	61.0	3.35
Sample taken 1200								

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

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

Sample Time: 1400 — Reviewed by: _____

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

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

HRP

HRP ASSOCIATES, INC.

PAGE _____ OF _____

SAMPLE DATE: _____

LOW-FLOW SAMPLING LOG

TOTAL # WELLS: _____

Client Name: Remington Arms

Project Locatior _____

Sampler(s): _____

Sample Pump: Geopump

Tubing Type: HDPE

Monitoring Equipment: YSI

Well I.D. MW-6

Well Diameter (inches): 2

Total Depth (ft btoc): 15

Depth to Water (ft btoc): _____

Screen Setting (ft btoc): 5 to 15

Tubing Intake (ft btoc): _____

Comments: _____

Height of Water Column (ft): _____ One Well Volume† (gal) _____ Purge Volume (gal): _____

Well Condition: _____

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (°C)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
10:02			20.4	7.89	57.6	1.479	179.72	2.1
10:05			20.8	7.55	62.8	1.363	186.41	1.42
10:08			20.9	7.50	61.8	1.375	180.56	1.35
10:11			21.0	7.48	60.4	1.394	189.01	1.32
10:14			21.0	7.46	58.8	1.398	190.55	1.29
10:17			21.1	7.47	55.8	1.372	197.87	1.31

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

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

Sample Time: 10:20

Reviewed by: _____

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

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

HRP ASSOCIATES, INC. PAGE ____ OF ____

SAMPLE DATE: ____

LOW-FLOW SAMPLING LOG

TOTAL # WELLS: ____

Client Name: Remington Arms | Sample Pump: Geotech peri

Project Location: Ilion NY | Tubing Type: HDPE

Sampler(s): N. Willmart | Monitoring Equipment: YSI Pro DSS

Well I.D. MW-7 | Screen Setting (ft btoc): 4 to 14

Well Diameter (inches): 2 | Tubing Intake (ft btoc): ____

Total Depth (ft btoc): ____ | Comments: Dry @ 1215, not enough recharge after 30 mn. to sample

Depth to Water (ft btoc): ____

Height of Water Column (ft): ____ One Well Volume† (gal) ____ Purge Volume (gal): ____

Well Condition: ____

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (°C)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1200		~200	18.2	6.93	[redacted]210	3.301	1083.8	1.12
1205		~200	18.6	6.94	53.1	3.020	1581.9	1.26
1210		~200	18.7	6.93	54.5	3.002	1525	1.23
1215	Well Dry, no reading taken							
After 30 mn recharge period, well produced ~50 mL sample volume.								
Sample to be taken 9/27/24 after overnight recharge period								

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

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

Sample Time: ____ Reviewed by: ____

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

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

HRP ASSOCIATES, INC.

PAGE 1 OF 1

SAMPLE DATE: 9/27/24

LOW-FLOW SAMPLING LOG

TOTAL # WELLS:

Client Name: Remington Arms — Sample Pump:

Project Locatior: Ilion NY — Tubing Type:

Sampler(s): N. Willmarth — Monitoring Equipment:

Well I.D. MW-8 — Screen Setting (ft btoc): 18 to 8

Well Diameter (inches): 2 — Tubing Intake (ft btoc):

Total Depth (ft btoc): 17.60 — Comments:

Depth to Water (ft btoc): 11.13

Height of Water Column (ft): 6.47 — One Well Volume† (gal) — Purge Volume (gal):

Well Condition:

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (°C)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1010	11.40	200	17.9	7.60	-381.4	2.119	96.0	1.51
1015	11.80	200	18.0	7.59	-412.2	1.955	82.4	1.22
1020	11.85	200	18.1	7.58	-431.1	1.725	54.5	0.86
1025	11.89	200	18.2	7.56	-401.6	1.710	45.1	0.92
1030	11.92	200	18.2	7.55	-355.2	1.718	38.7	1.11
1035	11.94	200	18.3	7.54	-330.1	1.731	39.2	1.27
1040	11.95	200	18.3	7.55	-317.5	1.744	30.7	1.40
1045	11.99	200	18.3	7.54	-302.9	1.751	24.3	1.49
1050	12.03	200	18.4	7.54	-293.4	1.757	25.1	1.54
1055	12.06	200	18.4	7.54	-285.2	1.759	21.0	1.60
1100	12.10	200	18.5	7.54	-277.6	1.762	19.9	1.66

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

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

Sample Time: — Reviewed by:

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

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

APPENDIX D
Soil Laboratory Analytical Reports

Technical Report

prepared for:

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

Report Date: 09/26/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I1005

Report Date: 09/26/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I1005

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 17, 2024 and listed below. The project was identified as your project: **Remington Arms/HER1510.P2**.

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
24I1005-01	SB-39 (1.5-3.5)	Soil	09/16/2024	09/17/2024
24I1005-02	SB-37 (2.5-3.5)	Soil	09/16/2024	09/17/2024
24I1005-03	SB-38 (3-5)	Soil	09/16/2024	09/17/2024
24I1005-04	GS-1	Soil	09/16/2024	09/17/2024
24I1005-05	CS-1	Soil	09/16/2024	09/17/2024
24I1005-06	GS-2	Soil	09/16/2024	09/17/2024
24I1005-07	CS-2	Soil	09/16/2024	09/17/2024
24I1005-08	GS-3	Soil	09/16/2024	09/17/2024
24I1005-09	CS-3	Soil	09/16/2024	09/17/2024
24I1005-10	GS-4	Soil	09/16/2024	09/17/2024
24I1005-11	CS-4	Soil	09/16/2024	09/17/2024
24I1005-12	RB_9.16.24	Water	09/16/2024	09/17/2024
24I1005-13	BS-200	Soil	09/16/2024	09/17/2024

General Notes for York Project (SDG) No.: 24I1005

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

Approved By: 

Date: 09/26/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

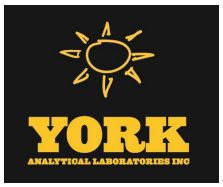
Client Sample ID: SB-39 (1.5-3.5) **York Sample ID:** 24I1005-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 9:05 am	09/17/2024

VOA, 8260 MASTER **Log-in Notes:** CONT **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	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								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	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	**1,2,3-Trichlorobenzene**	**0.0040**	IS-LO, J	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	**1,2,4-Trichlorobenzene**	**0.0038**	IS-LO, J	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	IS-LO	mg/kg dry	0.074	0.15	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		



Sample Information

Client Sample ID: **SB-39 (1.5-3.5)** **York Sample ID:** **24I1005-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 9:05 am	09/17/2024

VOA, 8260 MASTER

Log-in Notes: CONT **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	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0074	0.015	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0074	0.015	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-39 (1.5-3.5) **York Sample ID:** 24I1005-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 9:05 am	09/17/2024

VOA, 8260 MASTER **Log-in Notes:** CONT **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	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.037**	CAL-E, CCVE, B	mg/kg dry	0.0074	0.015	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND	IS-LO	mg/kg dry	0.0074	0.015	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-39 (1.5-3.5) **York Sample ID:** 24I1005-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 9:05 am	09/17/2024

VOA, 8260 MASTER

Log-in Notes: CONT **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	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0037	0.0074	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND	IS-LO	mg/kg dry	0.011	0.022	1	EPA 8260C	09/24/2024 10:49	09/25/2024 21:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.3 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*178 %*	IS-LO, S-03, S-08		*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*130 %*	IS-LO		*76-130*						

SVOA, 8270 MASTER

Log-in Notes: CONT **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	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.115	0.230	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.115	0.230	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.115	0.230	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-39 (1.5-3.5) **York Sample ID:** 24I1005-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 9:05 am	09/17/2024

SVOA, 8270 MASTER **Log-in Notes:** CONT **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
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.115	0.230	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.115	0.230	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.115	0.230	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.115	0.230	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.115	0.230	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.230	0.461	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0818**	J	mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.230	0.461	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: SB-39 (1.5-3.5) **York Sample ID:** 24I1005-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 9:05 am	09/17/2024

SVOA, 8270 MASTER **Log-in Notes:** CONT **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**	**0.240**		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.167**		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.141**		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.105**	J	mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.159**		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.115	0.230	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.208**		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.115	0.230	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-39 (1.5-3.5) **York Sample ID:** 24I1005-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 9:05 am	09/17/2024

SVOA, 8270 MASTER **Log-in Notes:** CONT **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
206-44-0	**Fluoranthene**	**0.457**		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.108**	J	mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.287**		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.371**		mg/kg dry	0.0576	0.115	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.230	0.461	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*51.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.7 %*	*24-116*

Sample Information

Client Sample ID: SB-39 (1.5-3.5) **York Sample ID:** 24I1005-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 9:05 am	09/17/2024

HERB, 8151 MASTER

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

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0273	1	EPA 8151A	09/22/2024 07:24	09/23/2024 15:15	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0273	1	EPA 8151A	09/22/2024 07:24	09/23/2024 15:15	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0273	1	EPA 8151A	09/22/2024 07:24	09/23/2024 15:15	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*53.2 %*	*21-150*

Metals, Priority Pollutant

Log-in Notes: CONT **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	2.42	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**114**		mg/kg dry	1.45	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.279**		mg/kg dry	0.049	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.290	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.8**		mg/kg dry	0.484	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**82.3**		mg/kg dry	1.94	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**77.4**		mg/kg dry	0.484	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**11.7**		mg/kg dry	0.963	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.42	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.488	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.42	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**27.3**		mg/kg dry	2.41	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Information

Client Sample ID: SB-39 (1.5-3.5) **York Sample ID:** 24I1005-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 9:05 am	09/17/2024

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**	**0.270**		mg/kg dry	0.0418	1	EPA 7473	09/20/2024 14:09	09/21/2024 15:40	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: CONT **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**	**71.8**		%	0.100	1	SM 2540G	09/18/2024 11:59	09/18/2024 14:58	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-37 (2.5-3.5)** **York Sample ID:** **24I1005-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:35 am	09/17/2024

VOA, 8260 MASTER **Log-in Notes:** CONT **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	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								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	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0091**		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-37 (2.5-3.5) **York Sample ID:** 24I1005-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:35 am	09/17/2024

VOA, 8260 MASTER **Log-in Notes:** CONT **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	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.038**	ICVE, QL-02	mg/kg dry	0.0061	0.012	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-37 (2.5-3.5) **York Sample ID:** 24I1005-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:35 am	09/17/2024

VOA, 8260 MASTER **Log-in Notes:** CONT **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	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.028**	B, CAL-E	mg/kg dry	0.0061	0.012	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-37 (2.5-3.5) **York Sample ID:** 24I1005-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:35 am	09/17/2024

VOA, 8260 MASTER

Log-in Notes: CONT **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	0.0031	0.0061	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	09/24/2024 10:49	09/24/2024 18:36	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: CONT **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	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-37 (2.5-3.5) **York Sample ID:** 24I1005-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:35 am	09/17/2024

SVOA, 8270 MASTER **Log-in Notes:** CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.209	0.418	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.209	0.418	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-37 (2.5-3.5) **York Sample ID:** 24I1005-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:35 am	09/17/2024

SVOA, 8270 MASTER **Log-in Notes:** CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-37 (2.5-3.5) **York Sample ID:** 24I1005-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:35 am	09/17/2024

SVOA, 8270 MASTER **Log-in Notes:** CONT **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	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.209	0.418	2	EPA 8270D	09/22/2024 07:34	09/23/2024 16:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.9 %*	*24-116*

Sample Information

Client Sample ID: SB-37 (2.5-3.5) **York Sample ID:** 24I1005-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:35 am	09/17/2024

HERB, 8151 MASTER

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

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0248	1	EPA 8151A	09/22/2024 07:24	09/23/2024 15:22	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0248	1	EPA 8151A	09/22/2024 07:24	09/23/2024 15:22	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0248	1	EPA 8151A	09/22/2024 07:24	09/23/2024 15:22	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*48.0 %*	*21-150*

Metals, Priority Pollutant

Log-in Notes: CONT **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	09/19/2024 14:38	09/20/2024 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**10.6**		mg/kg dry	1.32	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.327**		mg/kg dry	0.044	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.263	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.2**		mg/kg dry	0.439	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**68.1**		mg/kg dry	1.76	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**46.4**		mg/kg dry	0.439	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**26.6**		mg/kg dry	0.875	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.19	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**0.601**		mg/kg dry	0.443	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.19	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**34.4**		mg/kg dry	2.19	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Information

Client Sample ID: SB-37 (2.5-3.5) **York Sample ID:** 24I1005-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:35 am	09/17/2024

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**	**0.0655**		mg/kg dry	0.0379	1	EPA 7473	09/20/2024 14:09	09/21/2024 15:40	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: CONT **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	09/18/2024 11:59	09/18/2024 14:58	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-38 (3-5)** **York Sample ID:** **24I1005-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:50 am	09/17/2024

VOA, 8260 MASTER **Log-in Notes:** CONT **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	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								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	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.067	0.13	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-38 (3-5) **York Sample ID:** 24I1005-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:50 am	09/17/2024

VOA, 8260 MASTER **Log-in Notes:** CONT **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	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.022**	ICVE, QL-02	mg/kg dry	0.0067	0.013	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-38 (3-5) **York Sample ID:** 24I1005-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:50 am	09/17/2024

VOA, 8260 MASTER **Log-in Notes:** CONT **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	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.032**	CAL-E, B	mg/kg dry	0.0067	0.013	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-38 (3-5) **York Sample ID:** 24I1005-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:50 am	09/17/2024

VOA, 8260 MASTER

Log-in Notes: CONT **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	0.0034	0.0067	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: CONT **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	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-38 (3-5) **York Sample ID:** 24I1005-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:50 am	09/17/2024

SVOA, 8270 MASTER

Log-in Notes: CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.201	0.402	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0778**	J	mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.201	0.402	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.228**		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-38 (3-5) **York Sample ID:** 24I1005-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:50 am	09/17/2024

SVOA, 8270 MASTER **Log-in Notes:** CONT **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
50-32-8	**Benzo(a)pyrene**	**0.182**		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.168**		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.156**		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.195**		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	**Di-n-butyl phthalate**	**0.107**		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.404**		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-38 (3-5) **York Sample ID:** 24I1005-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:50 am	09/17/2024

SVOA, 8270 MASTER **Log-in Notes:** CONT **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	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.109**		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.230**		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.370**		mg/kg dry	0.0503	0.100	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.201	0.402	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:19	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*52.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.6 %*	*24-116*

Sample Information

Client Sample ID: SB-38 (3-5) **York Sample ID:** 24I1005-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:50 am	09/17/2024

HERB, 8151 MASTER

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

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0240	1	EPA 8151A	09/22/2024 07:24	09/23/2024 15:29	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0240	1	EPA 8151A	09/22/2024 07:24	09/23/2024 15:29	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0240	1	EPA 8151A	09/22/2024 07:24	09/23/2024 15:29	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*55.4 %*	*21-150*

Metals, Priority Pollutant

Log-in Notes: CONT **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	2.11	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**20.9**		mg/kg dry	1.26	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.192**		mg/kg dry	0.043	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.850**		mg/kg dry	0.253	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.1**		mg/kg dry	0.422	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**90.5**		mg/kg dry	1.69	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**264**		mg/kg dry	0.422	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**26.4**		mg/kg dry	0.840	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.11	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**0.486**		mg/kg dry	0.425	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.11	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**225**		mg/kg dry	2.10	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Information

Client Sample ID: SB-38 (3-5) **York Sample ID:** 24I1005-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 8:50 am	09/17/2024

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**	**0.250**		mg/kg dry	0.0364	1	EPA 7473	09/20/2024 14:09	09/21/2024 15:40	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.3**		%	0.100	1	SM 2540G	09/18/2024 11:59	09/18/2024 14:58	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: GS-1 **York Sample ID:** 24I1005-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:15 am	09/17/2024

VOA, 8260 MASTER **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	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								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	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GS-1 **York Sample ID:** 24I1005-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:15 am	09/17/2024

VOA, 8260 MASTER **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	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GS-1 **York Sample ID:** 24I1005-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:15 am	09/17/2024

VOA, 8260 MASTER **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	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.019**	CAL-E, B	mg/kg dry	0.0054	0.011	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GS-1 **York Sample ID:** 24I1005-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:15 am	09/17/2024

VOA, 8260 MASTER

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	0.0027	0.0054	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	09/24/2024 10:49	09/24/2024 19:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

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	09/18/2024 11:59	09/18/2024 14:58	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: CS-1 **York Sample ID:** 24I1005-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:15 am	09/17/2024

SVOA, 8270 MASTER **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	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0859	0.172	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-1 **York Sample ID:** 24I1005-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:15 am	09/17/2024

SVOA, 8270 MASTER **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
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.0604**	J	mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.172	0.344	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0742**	J	mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.172	0.344	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.307**		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0707**	J	mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.282**		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.216**		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.284**		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-1 **York Sample ID:** 24I1005-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:15 am	09/17/2024

SVOA, 8270 MASTER

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
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0859	0.172	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.322**		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0948**		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0859	0.172	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.527**		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.240**		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-1 **York Sample ID:** 24I1005-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:15 am	09/17/2024

SVOA, 8270 MASTER

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
91-20-3	Naphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.220**		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.510**		mg/kg dry	0.0431	0.0859	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.172	0.344	2	EPA 8270D	09/22/2024 07:34	09/23/2024 17:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*49.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*52.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.6 %*	*24-116*

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-1 **York Sample ID:** 24I1005-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:15 am	09/17/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0338	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:38	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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

Sample Information

Client Sample ID: CS-1 **York Sample ID:** 24I1005-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:15 am	09/17/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0171	1	EPA 8082A	09/22/2024 07:26	09/22/2024 18:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A	09/22/2024 07:26	09/22/2024 18:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A	09/22/2024 07:26	09/22/2024 18:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A	09/22/2024 07:26	09/22/2024 18:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A	09/22/2024 07:26	09/22/2024 18:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A	09/22/2024 07:26	09/22/2024 18:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A	09/22/2024 07:26	09/22/2024 18:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A	09/22/2024 07:26	09/22/2024 18:59	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.5 %*	*30-120*

Metals, Priority Pollutant

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	1.81	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.36**		mg/kg dry	1.08	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.130**		mg/kg dry	0.036	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.217	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.8**		mg/kg dry	0.362	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**49.2**		mg/kg dry	1.45	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**94.3**		mg/kg dry	0.362	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.6**		mg/kg dry	0.720	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-1 **York Sample ID:** 24I1005-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:15 am	09/17/2024

Metals, Priority Pollutant

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
7782-49-2	Selenium	ND		mg/kg dry	1.81	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**0.572**		mg/kg dry	0.364	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.81	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**76.5**		mg/kg dry	1.80	1	EPA 6010D	09/19/2024 14:38	09/20/2024 11:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.178**		mg/kg dry	0.0312	1	EPA 7473	09/20/2024 14:09	09/21/2024 15:40	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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**	**96.1**		%	0.100	1	SM 2540G	09/18/2024 11:59	09/18/2024 14:58	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: GS-2 **York Sample ID:** 24I1005-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:20 am	09/17/2024

VOA, 8260 MASTER **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	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								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	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GS-2 **York Sample ID:** 24I1005-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:20 am	09/17/2024

VOA, 8260 MASTER **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	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GS-2 **York Sample ID:** 24I1005-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:20 am	09/17/2024

VOA, 8260 MASTER **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	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.017**	B, CAL-E	mg/kg dry	0.0050	0.010	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GS-2 **York Sample ID:** 24I1005-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:20 am	09/17/2024

VOA, 8260 MASTER

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	0.0025	0.0050	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	09/24/2024 17:25	09/24/2024 22:58	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*76-130*

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**	**97.5**		%	0.100	1	SM 2540G	09/18/2024 11:59	09/18/2024 14:58	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: CS-2 **York Sample ID:** 24I1005-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:20 am	09/17/2024

SVOA, 8270 MASTER

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	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0849	0.170	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0849	0.170	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0849	0.170	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0849	0.170	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0849	0.170	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0849	0.170	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-2 **York Sample ID:** 24I1005-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:20 am	09/17/2024

SVOA, 8270 MASTER

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
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0849	0.170	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0849	0.170	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.170	0.340	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.194**		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.170	0.340	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.599**		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.479**		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.447**		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.312**		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.459**		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-2 **York Sample ID:** 24I1005-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:20 am	09/17/2024

SVOA, 8270 MASTER **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
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0849	0.170	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.597**		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.118**		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0849	0.170	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**1.00**		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0462**	J	mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.345**		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-2 **York Sample ID:** 24I1005-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:20 am	09/17/2024

SVOA, 8270 MASTER

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
91-20-3	Naphthalene	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.737**		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.08**		mg/kg dry	0.0426	0.0849	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.170	0.340	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*55.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.5 %*	*24-116*

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-2 **York Sample ID:** 24I1005-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:20 am	09/17/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.167	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0334	5	EPA 8081B	09/22/2024 07:26	09/23/2024 11:53	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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

Sample Information

Client Sample ID: CS-2 **York Sample ID:** 24I1005-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:20 am	09/17/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0168	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0168	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0168	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0168	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0168	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0168	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0168	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0168	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:12	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-120*

Metals, Priority Pollutant

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**	**3.74**		mg/kg dry	1.78	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**13.3**		mg/kg dry	1.07	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.094**		mg/kg dry	0.036	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.214	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.3**		mg/kg dry	0.357	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**82.1**		mg/kg dry	1.43	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**401**		mg/kg dry	0.357	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**22.5**		mg/kg dry	0.711	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-2 **York Sample ID:** 24I1005-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:20 am	09/17/2024

Metals, Priority Pollutant

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
7782-49-2	Selenium	ND		mg/kg dry	1.78	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**1.08**		mg/kg dry	0.360	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.78	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**72.3**		mg/kg dry	1.78	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.105**		mg/kg dry	0.0308	1	EPA 7473	09/20/2024 14:09	09/21/2024 15:40	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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**	**97.3**		%	0.100	1	SM 2540G	09/18/2024 11:59	09/18/2024 14:58	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: GS-3 **York Sample ID:** 24I1005-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:25 am	09/17/2024

VOA, 8260 MASTER **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	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								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	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GS-3 **York Sample ID:** 24I1005-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:25 am	09/17/2024

VOA, 8260 MASTER **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	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GS-3 **York Sample ID:** 24I1005-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:25 am	09/17/2024

VOA, 8260 MASTER **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	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.015**	B, CAL-E	mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GS-3 **York Sample ID:** 24I1005-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:25 am	09/17/2024

VOA, 8260 MASTER

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	0.0023	0.0046	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:24	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

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**	**96.7**		%	0.100	1	SM 2540G	09/18/2024 11:59	09/18/2024 14:58	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: CS-3 **York Sample ID:** 24I1005-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:25 am	09/17/2024

SVOA, 8270 MASTER

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	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

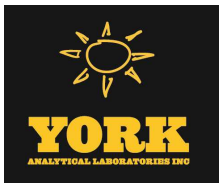
Client Sample ID: CS-3 **York Sample ID:** 24I1005-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:25 am	09/17/2024

SVOA, 8270 MASTER **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
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.0528**	J	mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.186	0.373	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.151**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.373	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.471**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.397**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.368**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.268**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.347**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		



Sample Information

Client Sample ID: **CS-3** **York Sample ID:** **24I1005-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:25 am	09/17/2024

SVOA, 8270 MASTER

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
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.0484**	J	mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.494**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.100**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.891**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.297**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-3 **York Sample ID:** 24I1005-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:25 am	09/17/2024

SVOA, 8270 MASTER

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
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.491**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.957**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.373	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*98.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*87.6 %*	*24-116*

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-3 **York Sample ID:** 24I1005-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:25 am	09/17/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:08	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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

Sample Information

Client Sample ID: CS-3 **York Sample ID:** 24I1005-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:25 am	09/17/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	09/22/2024 07:26	09/22/2024 19:26	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:26	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:26	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:26	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:26	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:26	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:26	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:26	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.0 %*	*30-120*

Metals, Priority Pollutant

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	1.96	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.29**		mg/kg dry	1.17	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.150**		mg/kg dry	0.039	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.235	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.2**		mg/kg dry	0.392	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**42.5**		mg/kg dry	1.57	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**85.6**		mg/kg dry	0.392	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**19.4**		mg/kg dry	0.780	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-3 **York Sample ID:** 24I1005-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:25 am	09/17/2024

Metals, Priority Pollutant

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
7782-49-2	Selenium	ND		mg/kg dry	1.96	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**0.798**		mg/kg dry	0.394	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.96	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**67.9**		mg/kg dry	1.95	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.185**		mg/kg dry	0.0338	1	EPA 7473	09/19/2024 14:48	09/20/2024 15:12	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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**	**88.7**		%	0.100	1	SM 2540G	09/18/2024 11:59	09/18/2024 14:58	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: GS-4 **York Sample ID:** 24I1005-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:30 am	09/17/2024

VOA, 8260 MASTER **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	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								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	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GS-4 **York Sample ID:** 24I1005-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:30 am	09/17/2024

VOA, 8260 MASTER **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	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GS-4 **York Sample ID:** 24I1005-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:30 am	09/17/2024

VOA, 8260 MASTER **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	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.022**	B, CAL-E	mg/kg dry	0.0061	0.012	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GS-4 **York Sample ID:** 24I1005-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:30 am	09/17/2024

VOA, 8260 MASTER

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	0.0031	0.0061	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	09/24/2024 17:25	09/24/2024 23:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

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**	**98.4**		%	0.100	1	SM 2540G	09/18/2024 11:59	09/18/2024 14:58	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: CS-4 **York Sample ID:** 24I1005-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:30 am	09/17/2024

SVOA, 8270 MASTER **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	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0838	0.167	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0838	0.167	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-4 **York Sample ID:** 24I1005-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:30 am	09/17/2024

SVOA, 8270 MASTER **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
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.0449**	J	mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.168	0.336	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.157**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.168	0.336	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.467**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.289**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.318**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.159**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.301**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-4 **York Sample ID:** 24I1005-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:30 am	09/17/2024

SVOA, 8270 MASTER **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
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0838	0.167	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.109**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.504**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0610**	J	mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**1.02**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.142**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-4 **York Sample ID:** 24I1005-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:30 am	09/17/2024

SVOA, 8270 MASTER

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
91-20-3	Naphthalene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.653**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.01**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.168	0.336	2	EPA 8270D	09/22/2024 07:34	09/23/2024 18:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.2 %*	*24-116*

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-4 **York Sample ID:** 24I1005-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:30 am	09/17/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-20-8	Endrin	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
8001-35-2	Toxaphene	ND		mg/kg dry	0.165	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0329	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:24	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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

Sample Information

Client Sample ID: CS-4 **York Sample ID:** 24I1005-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:30 am	09/17/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0166	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:40	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0166	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:40	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0166	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:40	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0166	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:40	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0166	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:40	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0166	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:40	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0166	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:40	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0166	1	EPA 8082A	09/22/2024 07:26	09/22/2024 19:40	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.5 %*	*30-120*

Metals, Priority Pollutant

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	1.76	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.29**		mg/kg dry	1.06	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.036	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.211	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.5**		mg/kg dry	0.353	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**22.5**		mg/kg dry	1.41	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**23.9**		mg/kg dry	0.353	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.8**		mg/kg dry	0.702	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: CS-4 **York Sample ID:** 24I1005-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 11:30 am	09/17/2024

Metals, Priority Pollutant

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
7782-49-2	Selenium	ND		mg/kg dry	1.76	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**0.821**		mg/kg dry	0.355	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.76	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**56.3**		mg/kg dry	1.76	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.0381**		mg/kg dry	0.0305	1	EPA 7473	09/19/2024 14:48	09/20/2024 15:12	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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**	**98.5**		%	0.100	1	SM 2540G	09/18/2024 11:59	09/18/2024 14:58	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: RB_9.16.24 **York Sample ID:** 24I1005-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Water	September 16, 2024 4:00 pm	09/17/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_9.16.24 **York Sample ID:** 24I1005-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Water	September 16, 2024 4:00 pm	09/17/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.17**		ug/L	0.245	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**12.8**		ug/L	0.243	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: RB_9.16.24 **York Sample ID:** 24I1005-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Water	September 16, 2024 4:00 pm	09/17/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_9.16.24 **York Sample ID:** 24I1005-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Water	September 16, 2024 4:00 pm	09/17/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/25/2024 08:00	09/25/2024 17:51	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*79-122*

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.16.24 **York Sample ID:** 24I1005-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Water	September 16, 2024 4:00 pm	09/17/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.16.24 **York Sample ID:** 24I1005-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Water	September 16, 2024 4:00 pm	09/17/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/20/2024 08:20	09/23/2024 14:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.840 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*2.40 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*28.7 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*26.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*6.08 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*35.9 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: RB_9.16.24 **York Sample ID:** 24I1005-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Water	September 16, 2024 4:00 pm	09/17/2024

83-32-9	Acenaphthene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	ug/L	2.50	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**10.6**	ICVE	ug/L	2.50	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND	QL-02	ug/L	0.100	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND	ICVE, QL-02	ug/L	2.50	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND	ICVE	ug/L	2.50	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	1.25	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	ICVE, QL-02	ug/L	2.50	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	ICVE, QL-02	ug/L	1.25	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.250	5	EPA 8270D SIM	09/20/2024 08:20	09/23/2024 16:13	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.16.24 **York Sample ID:** 24I1005-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Water	September 16, 2024 4:00 pm	09/17/2024

PEST, 8081 MASTER **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	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.16.24 **York Sample ID:** 24I1005-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Water	September 16, 2024 4:00 pm	09/17/2024

PEST, 8081 MASTER

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
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	09/21/2024 07:52	09/23/2024 10:51	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.9 %*	*30-150*

PCB, 8082 MASTER

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	09/21/2024 07:52	09/22/2024 11:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	09/21/2024 07:52	09/22/2024 11:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	09/21/2024 07:52	09/22/2024 11:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	09/21/2024 07:52	09/22/2024 11:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	09/21/2024 07:52	09/22/2024 11:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	09/21/2024 07:52	09/22/2024 11:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	09/21/2024 07:52	09/22/2024 11:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	09/21/2024 07:52	09/22/2024 11:33	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	09/22/2024 07:51	09/23/2024 14:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	09/22/2024 07:51	09/23/2024 14:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	09/22/2024 07:51	09/23/2024 14:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: RB_9.16.24 **York Sample ID:** 24I1005-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Water	September 16, 2024 4:00 pm	09/17/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*102 %*			*30-150*					

Metals, Priority Pollutant-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 12:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 12:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/20/2024 08:54	09/23/2024 12:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/20/2024 08:54	09/23/2024 12:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.38**		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 12:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**1.77**		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 12:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 12:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 12:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 12:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 12:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 12:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**20.6**		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 12:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/23/2024 08:59	09/23/2024 08:59	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **BS-200** **York Sample ID:** **24I1005-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1005	Remington Arms/HER1510.P2	Soil	September 16, 2024 1:30 pm	09/17/2024

Metals, RCRA

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**	**8.08**		mg/kg dry	1.25	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**10.0**		mg/kg dry	2.08	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.251	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**3.03**		mg/kg dry	0.418	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**21900**		mg/kg dry	4.18	10	EPA 6010D	09/19/2024 14:38	09/20/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.09	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**0.877**		mg/kg dry	0.421	1	EPA 6010D	09/19/2024 14:38	09/20/2024 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	0.0301	1	EPA 7473	09/19/2024 14:48	09/20/2024 15:12	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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**	**99.8**		%	0.100	1	SM 2540G	09/18/2024 11:59	09/18/2024 14:58	PMB
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BI41131 **Preparation Method:** % Solids Prep **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I1005-01	SB-39 (1.5-3.5)	09/18/24
24I1005-02	SB-37 (2.5-3.5)	09/18/24
24I1005-03	SB-38 (3-5)	09/18/24
24I1005-04	GS-1	09/18/24
24I1005-05	CS-1	09/18/24
24I1005-06	GS-2	09/18/24
24I1005-07	CS-2	09/18/24
24I1005-08	GS-3	09/18/24
24I1005-09	CS-3	09/18/24
24I1005-10	GS-4	09/18/24
24I1005-11	CS-4	09/18/24
24I1005-13	BS-200	09/18/24
BI41131-DUP1	Duplicate	09/18/24

Batch ID: BI41242 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I1005-01	SB-39 (1.5-3.5)	09/19/24
24I1005-02	SB-37 (2.5-3.5)	09/19/24
24I1005-03	SB-38 (3-5)	09/19/24
24I1005-05	CS-1	09/19/24
24I1005-07	CS-2	09/19/24
24I1005-09	CS-3	09/19/24
24I1005-11	CS-4	09/19/24
24I1005-13	BS-200	09/19/24
24I1005-13RE1	BS-200	09/19/24
BI41242-BLK1	Blank	09/19/24
BI41242-SRM1	Reference	09/19/24

Batch ID: BI41244 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I1005-09	CS-3	09/19/24
24I1005-11	CS-4	09/19/24
24I1005-13	BS-200	09/19/24
BI41244-BLK1	Blank	09/19/24
BI41244-SRM1	Reference	09/19/24

Batch ID: BI41277 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I1005-12	RB_9.16.24	09/20/24
BI41277-BLK1	Blank	09/20/24
BI41277-BLK2	Blank	09/20/24

BI41277-BS1	LCS	09/20/24
BI41277-BS2	LCS	09/20/24
BI41277-BSD1	LCS Dup	09/20/24

Batch ID: BI41287 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24I1005-12	RB_9.16.24	09/20/24
BI41287-BLK1	Blank	09/20/24
BI41287-BS1	LCS	09/20/24

Batch ID: BI41307 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I1005-01	SB-39 (1.5-3.5)	09/20/24
24I1005-02	SB-37 (2.5-3.5)	09/20/24
24I1005-03	SB-38 (3-5)	09/20/24
24I1005-05	CS-1	09/20/24
24I1005-07	CS-2	09/20/24
BI41307-BLK1	Blank	09/20/24
BI41307-DUP1	Duplicate	09/20/24
BI41307-MS1	Matrix Spike	09/20/24
BI41307-SRM1	Reference	09/20/24

Batch ID: BI41331 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** GXB

YORK Sample ID	Client Sample ID	Preparation Date
24I1005-12	RB_9.16.24	09/21/24
24I1005-12	RB_9.16.24	09/21/24
BI41331-BLK1	Blank	09/21/24
BI41331-BLK2	Blank	09/21/24
BI41331-BS1	LCS	09/21/24
BI41331-BS2	LCS	09/21/24
BI41331-BSD2	LCS Dup	09/21/24

Batch ID: BI41336 **Preparation Method:** EPA 3550C/8151A **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24I1005-01	SB-39 (1.5-3.5)	09/22/24
24I1005-02	SB-37 (2.5-3.5)	09/22/24
24I1005-03	SB-38 (3-5)	09/22/24
BI41336-BLK1	Blank	09/22/24
BI41336-BS1	LCS	09/22/24

Batch ID: BI41337 **Preparation Method:** EPA 3545A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I1005-05	CS-1	09/22/24

24I1005-05	CS-1	09/22/24
24I1005-07	CS-2	09/22/24
24I1005-07	CS-2	09/22/24
24I1005-09	CS-3	09/22/24
24I1005-09	CS-3	09/22/24
24I1005-11	CS-4	09/22/24
24I1005-11	CS-4	09/22/24
BI41337-BLK1	Blank	09/22/24
BI41337-BLK2	Blank	09/22/24
BI41337-BS1	LCS	09/22/24
BI41337-BS2	LCS	09/22/24

Batch ID: BI41338 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I1005-01	SB-39 (1.5-3.5)	09/22/24
24I1005-02	SB-37 (2.5-3.5)	09/22/24
24I1005-03	SB-38 (3-5)	09/22/24
24I1005-05	CS-1	09/22/24
24I1005-07	CS-2	09/22/24
24I1005-09	CS-3	09/22/24
24I1005-11	CS-4	09/22/24
BI41338-BLK1	Blank	09/22/24
BI41338-BS1	LCS	09/22/24

Batch ID: BI41342 **Preparation Method:** EPA 8151A **Prepared By:** GXB

YORK Sample ID	Client Sample ID	Preparation Date
24I1005-12	RB_9.16.24	09/22/24
BI41342-BLK1	Blank	09/22/24
BI41342-BS1	LCS	09/22/24
BI41342-BSD1	LCS Dup	09/22/24

Batch ID: BI41387 **Preparation Method:** EPA SW846-7470A **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
24I1005-12	RB_9.16.24	09/23/24
BI41387-BLK1	Blank	09/23/24
BI41387-BLK2	Blank	09/23/24
BI41387-BS1	LCS	09/23/24
BI41387-BS2	LCS	09/23/24

Batch ID: BI41481 **Preparation Method:** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
24I1005-01	SB-39 (1.5-3.5)	09/24/24
24I1005-02	SB-37 (2.5-3.5)	09/24/24
24I1005-03	SB-38 (3-5)	09/24/24
24I1005-04	GS-1	09/24/24

BI41481-BLK1	Blank	09/24/24
BI41481-BLK2	Blank	09/24/24
BI41481-BS1	LCS	09/24/24
BI41481-BS2	LCS	09/24/24
BI41481-BSD1	LCS Dup	09/24/24
BI41481-BSD2	LCS Dup	09/24/24

Batch ID: BI41535 **Preparation Method:** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
24I1005-06	GS-2	09/24/24
24I1005-08	GS-3	09/24/24
24I1005-10	GS-4	09/24/24
BI41535-BLK1	Blank	09/24/24
BI41535-BS1	LCS	09/24/24
BI41535-BSD1	LCS Dup	09/24/24

Batch ID: BI41596 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24I1005-12	RB_9.16.24	09/25/24
BI41596-BLK1	Blank	09/25/24
BI41596-BS1	LCS	09/25/24
BI41596-BSD1	LCS Dup	09/25/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
Blank (BI41481-BLK1)									Prepared & Analyzed: 09/24/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
Blank (BI41481-BLK1)									Prepared & Analyzed: 09/24/2024		
n-Butylbenzene	ND	0.0050	mg/kg wet								
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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.4*		*"*	*50.0*		*107*	*76-130*				
Blank (BI41481-BLK2)									Prepared & Analyzed: 09/24/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
Blank (BI41481-BLK2)									Prepared & Analyzed: 09/24/2024		
Bromoform	ND	0.50	mg/kg wet								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	1.5	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.5*		*ug/L*	*50.0*		*97.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.6*		*"*	*50.0*		*109*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS (BI41481-BS1)							Prepared & Analyzed: 09/24/2024				
1,1,1,2-Tetrachloroethane	50.2		ug/L	50.0		100	75-129				
1,1,1-Trichloroethane	45.3		"	50.0		90.6	71-137				
1,1,2,2-Tetrachloroethane	51.2		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41.2		"	50.0		82.5	58-146				
1,1,2-Trichloroethane	49.7		"	50.0		99.4	83-123				
1,1-Dichloroethane	44.1		"	50.0		88.2	75-130				
1,1-Dichloroethylene	43.6		"	50.0		87.1	64-137				
1,2,3-Trichlorobenzene	48.4		"	50.0		96.8	81-140				
1,2,3-Trichloropropane	49.7		"	50.0		99.4	81-126				
1,2,4-Trichlorobenzene	48.5		"	50.0		96.9	80-141				
1,2,4-Trimethylbenzene	48.6		"	50.0		97.2	84-125				
1,2-Dibromo-3-chloropropane	50.2		"	50.0		100	74-142				
1,2-Dibromoethane	51.2		"	50.0		102	86-123				
1,2-Dichlorobenzene	49.0		"	50.0		98.1	85-122				
1,2-Dichloroethane	50.2		"	50.0		100	71-133				
1,2-Dichloropropane	48.9		"	50.0		97.8	81-122				
1,3,5-Trimethylbenzene	49.3		"	50.0		98.7	82-126				
1,3-Dichlorobenzene	48.4		"	50.0		96.8	84-124				
1,4-Dichlorobenzene	46.5		"	50.0		93.1	84-124				
1,4-Dioxane	1730		"	1050		165	10-228				
2-Butanone	43.5		"	50.0		87.0	58-147				
2-Hexanone	43.3		"	50.0		86.6	70-139				
4-Methyl-2-pentanone	51.5		"	50.0		103	72-132				
Acetone	90.0		"	50.0		180	36-155	High Bias			
Acrolein	86.9		"	50.0		174	10-238				
Acrylonitrile	48.5		"	50.0		97.0	66-141				
Benzene	47.7		"	50.0		95.5	77-127				
Bromochloromethane	48.8		"	50.0		97.7	74-129				
Bromodichloromethane	50.6		"	50.0		101	81-124				
Bromoform	47.6		"	50.0		95.2	80-136				
Bromomethane	44.3		"	50.0		88.6	32-177				
Carbon disulfide	41.4		"	50.0		82.9	10-136				
Carbon tetrachloride	47.3		"	50.0		94.6	66-143				
Chlorobenzene	48.0		"	50.0		96.0	86-120				
Chloroethane	44.3		"	50.0		88.6	51-142				
Chloroform	48.0		"	50.0		96.1	76-131				
Chloromethane	38.0		"	50.0		76.0	49-132				
cis-1,2-Dichloroethylene	46.7		"	50.0		93.4	74-132				
cis-1,3-Dichloropropylene	48.7		"	50.0		97.4	81-129				
Cyclohexane	42.8		"	50.0		85.6	70-130				
Dibromochloromethane	50.2		"	50.0		100	10-200				
Dibromomethane	48.9		"	50.0		97.7	83-124				
Dichlorodifluoromethane	24.7		"	50.0		49.3	28-158				
Ethyl Benzene	48.2		"	50.0		96.4	84-125				
Hexachlorobutadiene	42.7		"	50.0		85.4	83-133				
Isopropylbenzene	48.2		"	50.0		96.4	81-127				
Methyl acetate	43.5		"	50.0		87.1	41-143				
Methyl tert-butyl ether (MTBE)	48.4		"	50.0		96.7	74-131				
Methylcyclohexane	42.3		"	50.0		84.6	70-130				
Methylene chloride	41.7		"	50.0		83.3	57-141				
n-Butylbenzene	47.5		"	50.0		94.9	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

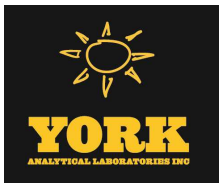
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS (BI41481-BS1)								Prepared & Analyzed: 09/24/2024			
n-Propylbenzene	47.6		ug/L	50.0		95.3	74-136				
o-Xylene	48.2		"	50.0		96.3	83-123				
p- & m- Xylenes	95.3		"	100		95.3	82-128				
p-Isopropyltoluene	46.9		"	50.0		93.8	85-125				
sec-Butylbenzene	47.5		"	50.0		94.9	83-125				
Styrene	50.7		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	235		"	250		94.1	70-130				
tert-Butylbenzene	46.8		"	50.0		93.5	80-127				
Tetrachloroethylene	44.4		"	50.0		88.9	80-129				
Toluene	47.7		"	50.0		95.4	85-121				
trans-1,2-Dichloroethylene	44.4		"	50.0		88.8	72-132				
trans-1,3-Dichloropropylene	49.6		"	50.0		99.3	78-132				
Trichloroethylene	46.6		"	50.0		93.1	84-123				
Trichlorofluoromethane	45.4		"	50.0		90.7	62-140				
Vinyl Chloride	40.4		"	50.0		80.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				
LCS (BI41481-BS2)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	53.0		ug/L	50.0		106	75-129				
1,1,1-Trichloroethane	48.0		"	50.0		95.9	71-137				
1,1,2,2-Tetrachloroethane	51.9		"	50.0		104	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.0		"	50.0		92.0	58-146				
1,1,2-Trichloroethane	50.0		"	50.0		100	83-123				
1,1-Dichloroethane	46.8		"	50.0		93.6	75-130				
1,1-Dichloroethylene	47.7		"	50.0		95.4	64-137				
1,2,3-Trichlorobenzene	51.3		"	50.0		103	81-140				
1,2,3-Trichloropropane	49.2		"	50.0		98.4	81-126				
1,2,4-Trichlorobenzene	52.2		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	50.6		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	47.4		"	50.0		94.8	74-142				
1,2-Dibromoethane	51.7		"	50.0		103	86-123				
1,2-Dichlorobenzene	50.1		"	50.0		100	85-122				
1,2-Dichloroethane	50.3		"	50.0		101	71-133				
1,2-Dichloropropane	49.7		"	50.0		99.4	81-122				
1,3,5-Trimethylbenzene	51.5		"	50.0		103	82-126				
1,3-Dichlorobenzene	52.9		"	50.0		106	84-124				
1,4-Dichlorobenzene	48.4		"	50.0		96.9	84-124				
1,4-Dioxane	1670		"	1050		159	10-228				
2-Butanone	46.4		"	50.0		92.8	58-147				
2-Hexanone	45.8		"	50.0		91.5	70-139				
4-Methyl-2-pentanone	50.2		"	50.0		100	72-132				
Acetone	94.9		"	50.0		190	36-155	High Bias			
Acrolein	105		"	50.0		209	10-238				
Acrylonitrile	50.3		"	50.0		101	66-141				
Benzene	49.6		"	50.0		99.2	77-127				
Bromochloromethane	49.8		"	50.0		99.5	74-129				
Bromodichloromethane	51.3		"	50.0		103	81-124				
Bromoform	48.3		"	50.0		96.5	80-136				
Bromomethane	21.6		"	50.0		43.1	32-177				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS (BI41481-BS2)								Prepared & Analyzed: 09/24/2024			
Carbon disulfide	45.9		ug/L	50.0		91.7	10-136				
Carbon tetrachloride	51.8		"	50.0		104	66-143				
Chlorobenzene	49.2		"	50.0		98.3	86-120				
Chloroethane	40.3		"	50.0		80.6	51-142				
Chloroform	49.6		"	50.0		99.2	76-131				
Chloromethane	40.0		"	50.0		80.0	49-132				
cis-1,2-Dichloroethylene	48.3		"	50.0		96.5	74-132				
cis-1,3-Dichloropropylene	50.2		"	50.0		100	81-129				
Cyclohexane	45.4		"	50.0		90.8	70-130				
Dibromochloromethane	50.5		"	50.0		101	10-200				
Dibromomethane	49.6		"	50.0		99.3	83-124				
Dichlorodifluoromethane	26.4		"	50.0		52.8	28-158				
Ethyl Benzene	49.6		"	50.0		99.2	84-125				
Hexachlorobutadiene	49.7		"	50.0		99.4	83-133				
Isopropylbenzene	50.5		"	50.0		101	81-127				
Methyl acetate	45.0		"	50.0		89.9	41-143				
Methyl tert-butyl ether (MTBE)	48.9		"	50.0		97.8	74-131				
Methylcyclohexane	44.6		"	50.0		89.3	70-130				
Methylene chloride	152		"	50.0		303	57-141	High Bias			
n-Butylbenzene	51.6		"	50.0		103	80-130				
n-Propylbenzene	50.1		"	50.0		100	74-136				
o-Xylene	49.3		"	50.0		98.6	83-123				
p- & m- Xylenes	98.0		"	100		98.0	82-128				
p-Isopropyltoluene	51.0		"	50.0		102	85-125				
sec-Butylbenzene	50.8		"	50.0		102	83-125				
Styrene	53.8		"	50.0		108	86-126				
tert-Butyl alcohol (TBA)	235		"	250		94.1	70-130				
tert-Butylbenzene	49.4		"	50.0		98.8	80-127				
Tetrachloroethylene	40.3		"	50.0		80.6	80-129				
Toluene	49.1		"	50.0		98.1	85-121				
trans-1,2-Dichloroethylene	47.6		"	50.0		95.2	72-132				
trans-1,3-Dichloropropylene	50.8		"	50.0		102	78-132				
Trichloroethylene	48.5		"	50.0		97.1	84-123				
Trichlorofluoromethane	48.2		"	50.0		96.5	62-140				
Vinyl Chloride	42.8		"	50.0		85.7	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS Dup (BI41481-BSD1)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	52.1		ug/L	50.0		104	75-129		3.68	30	
1,1,1-Trichloroethane	47.9		"	50.0		95.7	71-137		5.52	30	
1,1,2,2-Tetrachloroethane	51.1		"	50.0		102	79-129		0.137	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.9		"	50.0		87.9	58-146		6.36	30	
1,1,2-Trichloroethane	50.1		"	50.0		100	83-123		0.801	30	
1,1-Dichloroethane	46.1		"	50.0		92.3	75-130		4.50	30	
1,1-Dichloroethylene	46.2		"	50.0		92.4	64-137		5.93	30	
1,2,3-Trichlorobenzene	49.7		"	50.0		99.4	81-140		2.59	30	
1,2,3-Trichloropropane	50.2		"	50.0		100	81-126		1.12	30	
1,2,4-Trichlorobenzene	50.6		"	50.0		101	80-141		4.32	30	
1,2,4-Trimethylbenzene	52.1		"	50.0		104	84-125		6.97	30	
1,2-Dibromo-3-chloropropane	49.0		"	50.0		97.9	74-142		2.56	30	
1,2-Dibromoethane	51.0		"	50.0		102	86-123		0.587	30	
1,2-Dichlorobenzene	51.1		"	50.0		102	85-122		4.13	30	
1,2-Dichloroethane	50.5		"	50.0		101	71-133		0.596	30	
1,2-Dichloropropane	51.1		"	50.0		102	81-122		4.34	30	
1,3,5-Trimethylbenzene	52.9		"	50.0		106	82-126		6.89	30	
1,3-Dichlorobenzene	50.9		"	50.0		102	84-124		5.05	30	
1,4-Dichlorobenzene	49.2		"	50.0		98.4	84-124		5.56	30	
1,4-Dioxane	1650		"	1050		157	10-228		4.44	30	
2-Butanone	42.2		"	50.0		84.3	58-147		3.13	30	
2-Hexanone	41.8		"	50.0		83.6	70-139		3.46	30	
4-Methyl-2-pentanone	50.0		"	50.0		100	72-132		2.96	30	
Acetone	86.2		"	50.0		172	36-155	High Bias	4.29	30	
Acrolein	86.2		"	50.0		172	10-238		0.774	30	
Acrylonitrile	46.2		"	50.0		92.3	66-141		4.96	30	
Benzene	49.6		"	50.0		99.3	77-127		3.94	30	
Bromochloromethane	49.1		"	50.0		98.2	74-129		0.531	30	
Bromodichloromethane	52.2		"	50.0		104	81-124		2.98	30	
Bromoform	46.8		"	50.0		93.5	80-136		1.76	30	
Bromomethane	45.6		"	50.0		91.2	32-177		2.89	30	
Carbon disulfide	43.9		"	50.0		87.8	10-136		5.72	30	
Carbon tetrachloride	49.8		"	50.0		99.6	66-143		5.21	30	
Chlorobenzene	50.0		"	50.0		99.9	86-120		4.02	30	
Chloroethane	46.6		"	50.0		93.2	51-142		5.06	30	
Chloroform	49.8		"	50.0		99.7	76-131		3.68	30	
Chloromethane	40.6		"	50.0		81.2	49-132		6.64	30	
cis-1,2-Dichloroethylene	49.1		"	50.0		98.1	74-132		4.97	30	
cis-1,3-Dichloropropylene	50.4		"	50.0		101	81-129		3.51	30	
Cyclohexane	45.0		"	50.0		90.1	70-130		5.08	30	
Dibromochloromethane	50.7		"	50.0		101	10-200		0.931	30	
Dibromomethane	48.9		"	50.0		97.9	83-124		0.143	30	
Dichlorodifluoromethane	26.8		"	50.0		53.7	28-158		8.47	30	
Ethyl Benzene	51.0		"	50.0		102	84-125		5.59	30	
Hexachlorobutadiene	45.8		"	50.0		91.6	83-133		7.10	30	
Isopropylbenzene	52.1		"	50.0		104	81-127		7.82	30	
Methyl acetate	41.1		"	50.0		82.2	41-143		5.72	30	
Methyl tert-butyl ether (MTBE)	48.3		"	50.0		96.7	74-131		0.0620	30	
Methylcyclohexane	44.8		"	50.0		89.6	70-130		5.74	30	
Methylene chloride	42.8		"	50.0		85.6	57-141		2.63	30	
n-Butylbenzene	51.1		"	50.0		102	80-130		7.41	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS Dup (BI41481-BSD1)								Prepared & Analyzed: 09/24/2024			
n-Propylbenzene	51.4		ug/L	50.0		103	74-136		7.63	30	
o-Xylene	50.9		"	50.0		102	83-123		5.47	30	
p- & m- Xylenes	100		"	100		100	82-128		5.24	30	
p-Isopropyltoluene	50.4		"	50.0		101	85-125		7.19	30	
sec-Butylbenzene	51.4		"	50.0		103	83-125		8.03	30	
Styrene	52.8		"	50.0		106	86-126		4.11	30	
tert-Butyl alcohol (TBA)	226		"	250		90.5	70-130		3.97	30	
tert-Butylbenzene	50.4		"	50.0		101	80-127		7.51	30	
Tetrachloroethylene	46.9		"	50.0		93.7	80-129		5.30	30	
Toluene	50.4		"	50.0		101	85-121		5.42	30	
trans-1,2-Dichloroethylene	46.5		"	50.0		93.0	72-132		4.58	30	
trans-1,3-Dichloropropylene	50.1		"	50.0		100	78-132		0.863	30	
Trichloroethylene	49.5		"	50.0		99.0	84-123		6.10	30	
Trichlorofluoromethane	47.5		"	50.0		95.0	62-140		4.59	30	
Vinyl Chloride	43.2		"	50.0		86.4	52-130		6.58	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*98.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*76-130*				
LCS Dup (BI41481-BSD2)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	58.8		ug/L	50.0		118	75-129		10.5	30	
1,1,1-Trichloroethane	53.5		"	50.0		107	71-137		10.9	30	
1,1,2,2-Tetrachloroethane	58.4		"	50.0		117	79-129		11.8	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.7		"	50.0		99.3	58-146		7.69	30	
1,1,2-Trichloroethane	55.5		"	50.0		111	83-123		10.4	30	
1,1-Dichloroethane	52.3		"	50.0		105	75-130		11.1	30	
1,1-Dichloroethylene	52.1		"	50.0		104	64-137		8.74	30	
1,2,3-Trichlorobenzene	56.5		"	50.0		113	81-140		9.74	30	
1,2,3-Trichloropropane	56.5		"	50.0		113	81-126		13.7	30	
1,2,4-Trichlorobenzene	57.7		"	50.0		115	80-141		9.86	30	
1,2,4-Trimethylbenzene	55.5		"	50.0		111	84-125		9.23	30	
1,2-Dibromo-3-chloropropane	53.5		"	50.0		107	74-142		12.0	30	
1,2-Dibromoethane	57.6		"	50.0		115	86-123		10.7	30	
1,2-Dichlorobenzene	54.9		"	50.0		110	85-122		9.28	30	
1,2-Dichloroethane	56.5		"	50.0		113	71-133		11.5	30	
1,2-Dichloropropane	54.6		"	50.0		109	81-122		9.43	30	
1,3,5-Trimethylbenzene	56.8		"	50.0		114	82-126		9.68	30	
1,3-Dichlorobenzene	58.0		"	50.0		116	84-124		9.13	30	
1,4-Dichlorobenzene	53.5		"	50.0		107	84-124		9.85	30	
1,4-Dioxane	1890		"	1050		180	10-228		12.2	30	
2-Butanone	51.8		"	50.0		104	58-147		10.9	30	
2-Hexanone	53.8		"	50.0		108	70-139		16.1	30	
4-Methyl-2-pentanone	57.0		"	50.0		114	72-132		12.7	30	
Acetone	107		"	50.0		214	36-155	High Bias	12.1	30	
Acrolein	120		"	50.0		241	10-238	High Bias	14.1	30	
Acrylonitrile	58.1		"	50.0		116	66-141		14.4	30	
Benzene	55.0		"	50.0		110	77-127		10.2	30	
Bromochloromethane	55.3		"	50.0		111	74-129		10.6	30	
Bromodichloromethane	56.9		"	50.0		114	81-124		10.4	30	
Bromoform	54.0		"	50.0		108	80-136		11.3	30	
Bromomethane	22.7		"	50.0		45.5	32-177		5.33	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS Dup (BI41481-BSD2)								Prepared & Analyzed: 09/24/2024			
Carbon disulfide	50.6		ug/L	50.0		101	10-136		9.77	30	
Carbon tetrachloride	56.8		"	50.0		114	66-143		9.21	30	
Chlorobenzene	54.4		"	50.0		109	86-120		10.2	30	
Chloroethane	41.3		"	50.0		82.6	51-142		2.45	30	
Chloroform	55.1		"	50.0		110	76-131		10.5	30	
Chloromethane	43.0		"	50.0		86.0	49-132		7.16	30	
cis-1,2-Dichloroethylene	54.2		"	50.0		108	74-132		11.6	30	
cis-1,3-Dichloropropylene	56.0		"	50.0		112	81-129		11.0	30	
Cyclohexane	50.0		"	50.0		100	70-130		9.66	30	
Dibromochloromethane	57.1		"	50.0		114	10-200		12.3	30	
Dibromomethane	54.8		"	50.0		110	83-124		9.94	30	
Dichlorodifluoromethane	28.4		"	50.0		56.8	28-158		7.30	30	
Ethyl Benzene	54.8		"	50.0		110	84-125		10.1	30	
Hexachlorobutadiene	54.8		"	50.0		110	83-133		9.81	30	
Isopropylbenzene	55.2		"	50.0		110	81-127		8.80	30	
Methyl acetate	51.7		"	50.0		103	41-143		13.9	30	
Methyl tert-butyl ether (MTBE)	56.2		"	50.0		112	74-131		13.9	30	
Methylcyclohexane	49.1		"	50.0		98.2	70-130		9.45	30	
Methylene chloride	140		"	50.0		279	57-141	High Bias	8.28	30	
n-Butylbenzene	56.1		"	50.0		112	80-130		8.39	30	
n-Propylbenzene	54.8		"	50.0		110	74-136		8.96	30	
o-Xylene	54.3		"	50.0		109	83-123		9.61	30	
p- & m- Xylenes	108		"	100		108	82-128		10.1	30	
p-Isopropyltoluene	55.8		"	50.0		112	85-125		8.99	30	
sec-Butylbenzene	55.2		"	50.0		110	83-125		8.15	30	
Styrene	59.5		"	50.0		119	86-126		10.1	30	
tert-Butyl alcohol (TBA)	264		"	250		106	70-130		11.6	30	
tert-Butylbenzene	54.1		"	50.0		108	80-127		8.99	30	
Tetrachloroethylene	44.5		"	50.0		88.9	80-129		9.79	30	
Toluene	54.3		"	50.0		109	85-121		10.2	30	
trans-1,2-Dichloroethylene	52.5		"	50.0		105	72-132		9.79	30	
trans-1,3-Dichloropropylene	57.1		"	50.0		114	78-132		11.5	30	
Trichloroethylene	53.4		"	50.0		107	84-123		9.63	30	
Trichlorofluoromethane	51.3		"	50.0		103	62-140		6.11	30	
Vinyl Chloride	45.8		"	50.0		91.5	52-130		6.61	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*98.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41535 - EPA 5035A											
Blank (BI41535-BLK1)											
Prepared & Analyzed: 09/24/2024											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	0.020	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41535 - EPA 5035A											
Blank (BI41535-BLK1)								Prepared & Analyzed: 09/24/2024			
n-Propylbenzene	ND	0.0050	mg/kg wet								
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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*ug/L*	*50.0*		*98.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.5*		*"*	*50.0*		*109*	*76-130*				
LCS (BI41535-BS1)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	58.4		ug/L	50.0		117	75-129				
1,1,1-Trichloroethane	57.5		"	50.0		115	71-137				
1,1,2,2-Tetrachloroethane	58.6		"	50.0		117	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.7		"	50.0		113	58-146				
1,1,2-Trichloroethane	57.2		"	50.0		114	83-123				
1,1-Dichloroethane	55.0		"	50.0		110	75-130				
1,1-Dichloroethylene	59.0		"	50.0		118	64-137				
1,2,3-Trichlorobenzene	54.6		"	50.0		109	81-140				
1,2,3-Trichloropropane	57.3		"	50.0		115	81-126				
1,2,4-Trichlorobenzene	55.4		"	50.0		111	80-141				
1,2,4-Trimethylbenzene	59.4		"	50.0		119	84-125				
1,2-Dibromo-3-chloropropane	59.6		"	50.0		119	74-142				
1,2-Dibromoethane	58.4		"	50.0		117	86-123				
1,2-Dichlorobenzene	57.0		"	50.0		114	85-122				
1,2-Dichloroethane	57.3		"	50.0		115	71-133				
1,2-Dichloropropane	58.5		"	50.0		117	81-122				
1,3,5-Trimethylbenzene	59.6		"	50.0		119	82-126				
1,3-Dichlorobenzene	57.1		"	50.0		114	84-124				
1,4-Dichlorobenzene	55.2		"	50.0		110	84-124				
1,4-Dioxane	1890		"	1050		180	10-228				
2-Butanone	48.9		"	50.0		97.8	58-147				
2-Hexanone	50.8		"	50.0		102	70-139				
4-Methyl-2-pentanone	59.2		"	50.0		118	72-132				
Acetone	95.3		"	50.0		191	36-155	High Bias			
Acrolein	69.5		"	50.0		139	10-238				
Acrylonitrile	55.2		"	50.0		110	66-141				
Benzene	58.4		"	50.0		117	77-127				
Bromochloromethane	56.6		"	50.0		113	74-129				
Bromodichloromethane	59.4		"	50.0		119	81-124				
Bromoform	52.5		"	50.0		105	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41535 - EPA 5035A											
LCS (BI41535-BS1)							Prepared & Analyzed: 09/24/2024				
Bromomethane	52.9		ug/L	50.0		106	32-177				
Carbon disulfide	58.9		"	50.0		118	10-136				
Carbon tetrachloride	59.1		"	50.0		118	66-143				
Chlorobenzene	57.1		"	50.0		114	86-120				
Chloroethane	53.2		"	50.0		106	51-142				
Chloroform	56.8		"	50.0		114	76-131				
Chloromethane	55.0		"	50.0		110	49-132				
cis-1,2-Dichloroethylene	57.0		"	50.0		114	74-132				
cis-1,3-Dichloropropylene	58.2		"	50.0		116	81-129				
Cyclohexane	63.8		"	50.0		128	70-130				
Dibromochloromethane	56.5		"	50.0		113	10-200				
Dibromomethane	56.6		"	50.0		113	83-124				
Dichlorodifluoromethane	55.2		"	50.0		110	28-158				
Ethyl Benzene	59.6		"	50.0		119	84-125				
Hexachlorobutadiene	54.9		"	50.0		110	83-133				
Isopropylbenzene	60.8		"	50.0		122	81-127				
Methyl acetate	49.8		"	50.0		99.7	41-143				
Methyl tert-butyl ether (MTBE)	53.6		"	50.0		107	74-131				
Methylcyclohexane	56.5		"	50.0		113	70-130				
Methylene chloride	58.1		"	50.0		116	57-141				
n-Butylbenzene	59.8		"	50.0		120	80-130				
n-Propylbenzene	59.8		"	50.0		120	74-136				
o-Xylene	58.9		"	50.0		118	83-123				
p- & m- Xylenes	117		"	100		117	82-128				
p-Isopropyltoluene	58.5		"	50.0		117	85-125				
sec-Butylbenzene	60.0		"	50.0		120	83-125				
Styrene	59.8		"	50.0		120	86-126				
tert-Butyl alcohol (TBA)	274		"	250		110	70-130				
tert-Butylbenzene	59.0		"	50.0		118	80-127				
Tetrachloroethylene	56.7		"	50.0		113	80-129				
Toluene	58.9		"	50.0		118	85-121				
trans-1,2-Dichloroethylene	56.6		"	50.0		113	72-132				
trans-1,3-Dichloropropylene	57.3		"	50.0		115	78-132				
Trichloroethylene	59.3		"	50.0		119	84-123				
Trichlorofluoromethane	53.6		"	50.0		107	62-140				
Vinyl Chloride	52.9		"	50.0		106	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41535 - EPA 5035A											
LCS Dup (BI41535-BSD1)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	58.9		ug/L	50.0		118	75-129		0.887	30	
1,1,1-Trichloroethane	61.2		"	50.0		122	71-137		6.32	30	
1,1,2,2-Tetrachloroethane	59.3		"	50.0		119	79-129		1.32	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	61.6		"	50.0		123	58-146		8.27	30	
1,1,2-Trichloroethane	57.0		"	50.0		114	83-123		0.490	30	
1,1-Dichloroethane	57.5		"	50.0		115	75-130		4.50	30	
1,1-Dichloroethylene	63.9		"	50.0		128	64-137		8.04	30	
1,2,3-Trichlorobenzene	54.1		"	50.0		108	81-140		0.883	30	
1,2,3-Trichloropropane	59.1		"	50.0		118	81-126		3.11	30	
1,2,4-Trichlorobenzene	55.3		"	50.0		111	80-141		0.163	30	
1,2,4-Trimethylbenzene	62.4		"	50.0		125	84-125		4.94	30	
1,2-Dibromo-3-chloropropane	59.7		"	50.0		119	74-142		0.235	30	
1,2-Dibromoethane	58.5		"	50.0		117	86-123		0.103	30	
1,2-Dichlorobenzene	58.2		"	50.0		116	85-122		2.08	30	
1,2-Dichloroethane	57.7		"	50.0		115	71-133		0.713	30	
1,2-Dichloropropane	59.7		"	50.0		119	81-122		2.01	30	
1,3,5-Trimethylbenzene	65.0		"	50.0		130	82-126	High Bias	8.81	30	
1,3-Dichlorobenzene	58.5		"	50.0		117	84-124		2.54	30	
1,4-Dichlorobenzene	56.7		"	50.0		113	84-124		2.75	30	
1,4-Dioxane	2110		"	1050		201	10-228		11.3	30	
2-Butanone	51.9		"	50.0		104	58-147		6.03	30	
2-Hexanone	52.2		"	50.0		104	70-139		2.70	30	
4-Methyl-2-pentanone	60.3		"	50.0		121	72-132		1.83	30	
Acetone	104		"	50.0		208	36-155	High Bias	8.75	30	
Acrolein	73.2		"	50.0		146	10-238		5.21	30	
Acrylonitrile	56.5		"	50.0		113	66-141		2.25	30	
Benzene	60.9		"	50.0		122	77-127		4.24	30	
Bromochloromethane	57.1		"	50.0		114	74-129		0.897	30	
Bromodichloromethane	59.8		"	50.0		120	81-124		0.637	30	
Bromoform	51.9		"	50.0		104	80-136		1.13	30	
Bromomethane	55.4		"	50.0		111	32-177		4.75	30	
Carbon disulfide	63.3		"	50.0		127	10-136		7.22	30	
Carbon tetrachloride	63.2		"	50.0		126	66-143		6.72	30	
Chlorobenzene	58.5		"	50.0		117	86-120		2.32	30	
Chloroethane	57.4		"	50.0		115	51-142		7.64	30	
Chloroform	58.9		"	50.0		118	76-131		3.61	30	
Chloromethane	59.9		"	50.0		120	49-132		8.57	30	
cis-1,2-Dichloroethylene	58.9		"	50.0		118	74-132		3.36	30	
cis-1,3-Dichloropropylene	58.2		"	50.0		116	81-129		0.0515	30	
Cyclohexane	63.7		"	50.0		127	70-130		0.0784	30	
Dibromochloromethane	56.6		"	50.0		113	10-200		0.0531	30	
Dibromomethane	57.0		"	50.0		114	83-124		0.546	30	
Dichlorodifluoromethane	64.0		"	50.0		128	28-158		14.7	30	
Ethyl Benzene	62.1		"	50.0		124	84-125		4.11	30	
Hexachlorobutadiene	59.0		"	50.0		118	83-133		7.25	30	
Isopropylbenzene	65.5		"	50.0		131	81-127	High Bias	7.49	30	
Methyl acetate	50.8		"	50.0		102	41-143		1.97	30	
Methyl tert-butyl ether (MTBE)	53.6		"	50.0		107	74-131		0.00	30	
Methylcyclohexane	61.7		"	50.0		123	70-130		8.70	30	
Methylene chloride	61.7		"	50.0		123	57-141		6.08	30	
n-Butylbenzene	64.0		"	50.0		128	80-130		6.72	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41535 - EPA 5035A											
LCS Dup (BI41535-BSD1)								Prepared & Analyzed: 09/24/2024			
n-Propylbenzene	64.2		ug/L	50.0		128	74-136		7.05	30	
o-Xylene	60.4		"	50.0		121	83-123		2.51	30	
p- & m- Xylenes	122		"	100		122	82-128		4.15	30	
p-Isopropyltoluene	62.5		"	50.0		125	85-125		6.65	30	
sec-Butylbenzene	65.0		"	50.0		130	83-125	High Bias	8.09	30	
Styrene	60.7		"	50.0		121	86-126		1.44	30	
tert-Butyl alcohol (TBA)	302		"	250		121	70-130		9.71	30	
tert-Butylbenzene	63.6		"	50.0		127	80-127		7.50	30	
Tetrachloroethylene	58.8		"	50.0		118	80-129		3.53	30	
Toluene	61.6		"	50.0		123	85-121	High Bias	4.55	30	
trans-1,2-Dichloroethylene	60.1		"	50.0		120	72-132		5.91	30	
trans-1,3-Dichloropropylene	57.1		"	50.0		114	78-132		0.385	30	
Trichloroethylene	62.6		"	50.0		125	84-123	High Bias	5.42	30	
Trichlorofluoromethane	56.7		"	50.0		113	62-140		5.51	30	
Vinyl Chloride	58.3		"	50.0		117	52-130		9.73	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*97.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.1*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.6*		*"*	*50.0*		*105*	*76-130*				
Batch BI41596 - EPA 5030B											
Blank (BI41596-BLK1)								Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41596 - EPA 5030B											
Blank (BI41596-BLK1)											Prepared & Analyzed: 09/25/2024
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.81*		*"*	*10.0*		*98.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.84*		*"*	*10.0*		*98.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41596 - EPA 5030B											
LCS (BI41596-BS1)								Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	8.82		ug/L	10.0		88.2	82-126				
1,1,1-Trichloroethane	8.66		"	10.0		86.6	78-136				
1,1,2,2-Tetrachloroethane	9.67		"	10.0		96.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.91		"	10.0		89.1	54-165				
1,1,2-Trichloroethane	8.88		"	10.0		88.8	82-123				
1,1-Dichloroethane	8.66		"	10.0		86.6	82-129				
1,1-Dichloroethylene	9.05		"	10.0		90.5	68-138				
1,2,3-Trichlorobenzene	8.28		"	10.0		82.8	76-136				
1,2,3-Trichloropropane	8.72		"	10.0		87.2	77-128				
1,2,4-Trichlorobenzene	8.42		"	10.0		84.2	76-137				
1,2,4-Trimethylbenzene	8.59		"	10.0		85.9	82-132				
1,2-Dibromo-3-chloropropane	8.77		"	10.0		87.7	45-147				
1,2-Dibromoethane	8.94		"	10.0		89.4	83-124				
1,2-Dichlorobenzene	8.46		"	10.0		84.6	79-123				
1,2-Dichloroethane	8.88		"	10.0		88.8	73-132				
1,2-Dichloropropane	8.83		"	10.0		88.3	78-126				
1,3,5-Trimethylbenzene	8.45		"	10.0		84.5	80-131				
1,3-Dichlorobenzene	8.35		"	10.0		83.5	86-122	Low Bias			
1,4-Dichlorobenzene	8.26		"	10.0		82.6	85-124	Low Bias			
1,4-Dioxane	194		"	210		92.4	10-349				
2-Butanone	9.09		"	10.0		90.9	49-152				
2-Hexanone	8.06		"	10.0		80.6	51-146				
4-Methyl-2-pentanone	8.61		"	10.0		86.1	57-145				
Acetone	21.0		"	10.0		210	14-150	High Bias			
Acrolein	11.0		"	25.0		44.0	10-153				
Acrylonitrile	9.34		"	10.0		93.4	51-150				
Benzene	9.22		"	10.0		92.2	85-126				
Bromochloromethane	8.87		"	10.0		88.7	77-128				
Bromodichloromethane	8.70		"	10.0		87.0	79-128				
Bromoform	9.06		"	10.0		90.6	78-133				
Bromomethane	12.0		"	10.0		120	43-168				
Carbon disulfide	10.7		"	10.0		107	68-146				
Carbon tetrachloride	8.87		"	10.0		88.7	77-141				
Chlorobenzene	8.74		"	10.0		87.4	88-120	Low Bias			
Chloroethane	9.45		"	10.0		94.5	65-136				
Chloroform	8.66		"	10.0		86.6	82-128				
Chloromethane	12.8		"	10.0		128	43-155				
cis-1,2-Dichloroethylene	8.95		"	10.0		89.5	83-129				
cis-1,3-Dichloropropylene	8.86		"	10.0		88.6	80-131				
Cyclohexane	9.40		"	10.0		94.0	63-149				
Dibromochloromethane	8.89		"	10.0		88.9	80-130				
Dibromomethane	8.68		"	10.0		86.8	72-134				
Dichlorodifluoromethane	18.0		"	10.0		180	44-144	High Bias			
Ethyl Benzene	8.89		"	10.0		88.9	80-131				
Hexachlorobutadiene	8.26		"	10.0		82.6	67-146				
Isopropylbenzene	8.39		"	10.0		83.9	76-140				
Methyl acetate	7.94		"	10.0		79.4	51-139				
Methyl tert-butyl ether (MTBE)	8.49		"	10.0		84.9	76-135				
Methylcyclohexane	8.33		"	10.0		83.3	72-143				
Methylene chloride	9.95		"	10.0		99.5	55-137				
n-Butylbenzene	8.08		"	10.0		80.8	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41596 - EPA 5030B											
LCS (BI41596-BS1)								Prepared & Analyzed: 09/25/2024			
n-Propylbenzene	8.85		ug/L	10.0		88.5	78-133				
o-Xylene	8.65		"	10.0		86.5	78-130				
p- & m- Xylenes	18.2		"	20.0		90.9	77-133				
p-Isopropyltoluene	8.30		"	10.0		83.0	81-136				
sec-Butylbenzene	8.01		"	10.0		80.1	79-137				
Styrene	8.93		"	10.0		89.3	67-132				
tert-Butyl alcohol (TBA)	53.0		"	50.0		106	25-162				
tert-Butylbenzene	7.99		"	10.0		79.9	77-138				
Tetrachloroethylene	4.51		"	10.0		45.1	82-131	Low Bias			
Toluene	8.89		"	10.0		88.9	80-127				
trans-1,2-Dichloroethylene	8.96		"	10.0		89.6	80-132				
trans-1,3-Dichloropropylene	9.00		"	10.0		90.0	78-131				
Trichloroethylene	9.46		"	10.0		94.6	82-128				
Trichlorofluoromethane	9.33		"	10.0		93.3	67-139				
Vinyl Chloride	11.0		"	10.0		110	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.79*		*"*	*10.0*		*97.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.82*		*"*	*10.0*		*98.2*	*79-122*				
LCS Dup (BI41596-BSD1)								Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	8.95		ug/L	10.0		89.5	82-126		1.46	30	
1,1,1-Trichloroethane	8.80		"	10.0		88.0	78-136		1.60	30	
1,1,2,2-Tetrachloroethane	9.83		"	10.0		98.3	76-129		1.64	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.06		"	10.0		90.6	54-165		1.67	30	
1,1,2-Trichloroethane	8.98		"	10.0		89.8	82-123		1.12	30	
1,1-Dichloroethane	8.80		"	10.0		88.0	82-129		1.60	30	
1,1-Dichloroethylene	9.19		"	10.0		91.9	68-138		1.54	30	
1,2,3-Trichlorobenzene	8.64		"	10.0		86.4	76-136		4.26	30	
1,2,3-Trichloropropane	8.76		"	10.0		87.6	77-128		0.458	30	
1,2,4-Trichlorobenzene	8.79		"	10.0		87.9	76-137		4.30	30	
1,2,4-Trimethylbenzene	8.89		"	10.0		88.9	82-132		3.43	30	
1,2-Dibromo-3-chloropropane	8.84		"	10.0		88.4	45-147		0.795	30	
1,2-Dibromoethane	9.03		"	10.0		90.3	83-124		1.00	30	
1,2-Dichlorobenzene	8.66		"	10.0		86.6	79-123		2.34	30	
1,2-Dichloroethane	8.97		"	10.0		89.7	73-132		1.01	30	
1,2-Dichloropropane	8.88		"	10.0		88.8	78-126		0.565	30	
1,3,5-Trimethylbenzene	8.79		"	10.0		87.9	80-131		3.94	30	
1,3-Dichlorobenzene	8.60		"	10.0		86.0	86-122		2.95	30	
1,4-Dichlorobenzene	8.59		"	10.0		85.9	85-124		3.92	30	
1,4-Dioxane	195		"	210		92.7	10-349		0.298	30	
2-Butanone	9.10		"	10.0		91.0	49-152		0.110	30	
2-Hexanone	8.08		"	10.0		80.8	51-146		0.248	30	
4-Methyl-2-pentanone	8.60		"	10.0		86.0	57-145		0.116	30	
Acetone	21.3		"	10.0		213	14-150	High Bias	1.28	30	
Acrolein	11.4		"	25.0		45.4	10-153		3.31	30	
Acrylonitrile	9.27		"	10.0		92.7	51-150		0.752	30	
Benzene	9.39		"	10.0		93.9	85-126		1.83	30	
Bromochloromethane	8.94		"	10.0		89.4	77-128		0.786	30	
Bromodichloromethane	8.76		"	10.0		87.6	79-128		0.687	30	
Bromoform	9.18		"	10.0		91.8	78-133		1.32	30	
Bromomethane	14.2		"	10.0		142	43-168		16.6	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41596 - EPA 5030B											
LCS Dup (BI41596-BSD1)								Prepared & Analyzed: 09/25/2024			
Carbon disulfide	10.9		ug/L	10.0		109	68-146		1.76	30	
Carbon tetrachloride	9.08		"	10.0		90.8	77-141		2.34	30	
Chlorobenzene	8.93		"	10.0		89.3	88-120		2.15	30	
Chloroethane	9.72		"	10.0		97.2	65-136		2.82	30	
Chloroform	8.79		"	10.0		87.9	82-128		1.49	30	
Chloromethane	13.4		"	10.0		134	43-155		4.13	30	
cis-1,2-Dichloroethylene	9.01		"	10.0		90.1	83-129		0.668	30	
cis-1,3-Dichloropropylene	8.94		"	10.0		89.4	80-131		0.899	30	
Cyclohexane	9.63		"	10.0		96.3	63-149		2.42	30	
Dibromochloromethane	9.05		"	10.0		90.5	80-130		1.78	30	
Dibromomethane	8.73		"	10.0		87.3	72-134		0.574	30	
Dichlorodifluoromethane	18.4		"	10.0		184	44-144	High Bias	1.76	30	
Ethyl Benzene	9.07		"	10.0		90.7	80-131		2.00	30	
Hexachlorobutadiene	8.58		"	10.0		85.8	67-146		3.80	30	
Isopropylbenzene	8.66		"	10.0		86.6	76-140		3.17	30	
Methyl acetate	7.74		"	10.0		77.4	51-139		2.55	30	
Methyl tert-butyl ether (MTBE)	8.60		"	10.0		86.0	76-135		1.29	30	
Methylcyclohexane	8.53		"	10.0		85.3	72-143		2.37	30	
Methylene chloride	10.0		"	10.0		100	55-137		0.801	30	
n-Butylbenzene	8.50		"	10.0		85.0	79-132		5.07	30	
n-Propylbenzene	9.21		"	10.0		92.1	78-133		3.99	30	
o-Xylene	8.84		"	10.0		88.4	78-130		2.17	30	
p- & m- Xylenes	18.5		"	20.0		92.7	77-133		1.96	30	
p-Isopropyltoluene	8.70		"	10.0		87.0	81-136		4.71	30	
sec-Butylbenzene	8.40		"	10.0		84.0	79-137		4.75	30	
Styrene	9.07		"	10.0		90.7	67-132		1.56	30	
tert-Butyl alcohol (TBA)	53.4		"	50.0		107	25-162		0.789	30	
tert-Butylbenzene	8.37		"	10.0		83.7	77-138		4.65	30	
Tetrachloroethylene	4.58		"	10.0		45.8	82-131	Low Bias	1.54	30	
Toluene	9.06		"	10.0		90.6	80-127		1.89	30	
trans-1,2-Dichloroethylene	9.07		"	10.0		90.7	80-132		1.22	30	
trans-1,3-Dichloropropylene	9.08		"	10.0		90.8	78-131		0.885	30	
Trichloroethylene	9.57		"	10.0		95.7	82-128		1.16	30	
Trichlorofluoromethane	9.51		"	10.0		95.1	67-139		1.91	30	
Vinyl Chloride	11.3		"	10.0		113	58-145		2.97	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.74*		*"*	*10.0*		*97.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.86*		*"*	*10.0*		*98.6*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41277 - EPA 3510C											
Blank (BI41277-BLK1)											
Prepared: 09/20/2024 Analyzed: 09/23/2024											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41277 - EPA 3510C											
Blank (BI41277-BLK1)											Prepared: 09/20/2024 Analyzed: 09/23/2024
Surrogate: SURR: 2-Fluorophenol	*6.09*		*ug/L*	*50.0*		*12.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*3.03*		*"*	*50.0*		*6.06*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*8.29*		*"*	*25.0*		*33.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*7.29*		*"*	*25.0*		*29.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*33.8*		*"*	*50.0*		*67.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.2*		*"*	*25.0*		*56.6*	*30.7-106*				
Blank (BI41277-BLK2)											Prepared: 09/20/2024 Analyzed: 09/23/2024
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	0.110	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41277 - EPA 3510C											
LCS (BI41277-BS1)								Prepared: 09/20/2024 Analyzed: 09/23/2024			
1,1-Biphenyl	13.4	5.00	ug/L	25.0		53.7	33-95				
1,2,4,5-Tetrachlorobenzene	13.7	5.00	"	25.0		54.8	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	19.1	5.00	"	25.0		76.4	16-141				
2,3,4,6-Tetrachlorophenol	16.0	5.00	"	25.0		63.8	30-130				
2,4,5-Trichlorophenol	14.0	5.00	"	25.0		55.9	32-114				
2,4,6-Trichlorophenol	16.0	5.00	"	25.0		64.0	35-118				
2,4-Dichlorophenol	14.8	5.00	"	25.0		59.0	25-116				
2,4-Dimethylphenol	14.8	5.00	"	25.0		59.2	15-116				
2,4-Dinitrophenol	14.8	5.00	"	25.0		59.3	10-170				
2,4-Dinitrotoluene	22.8	5.00	"	25.0		91.2	41-128				
2,6-Dinitrotoluene	20.4	5.00	"	25.0		81.4	45-116				
2-Chloronaphthalene	13.2	5.00	"	25.0		52.9	33-112				
2-Chlorophenol	11.2	5.00	"	25.0		44.8	15-120				
2-Methylnaphthalene	12.2	5.00	"	25.0		49.0	24-118				
2-Methylphenol	5.30	5.00	"	25.0		21.2	10-110				
2-Nitroaniline	17.6	5.00	"	25.0		70.3	34-129				
2-Nitrophenol	16.8	5.00	"	25.0		67.3	28-118				
3- & 4-Methylphenols	ND	5.00	"	25.0			10-107	Low Bias			
3,3-Dichlorobenzidine	15.6	5.00	"	25.0		62.4	15-187				
3-Nitroaniline	13.8	5.00	"	25.0		55.3	24-134				
4,6-Dinitro-2-methylphenol	34.8	5.00	"	25.0		139	10-153				
4-Bromophenyl phenyl ether	20.2	5.00	"	25.0		80.8	34-120				
4-Chloro-3-methylphenol	17.5	5.00	"	25.0		70.0	20-120				
4-Chloroaniline	13.8	5.00	"	25.0		55.1	10-147				
4-Chlorophenyl phenyl ether	16.5	5.00	"	25.0		66.0	27-121				
4-Nitroaniline	15.2	5.00	"	25.0		60.8	13-134				
4-Nitrophenol	27.4	5.00	"	25.0		109	10-131				
Acetophenone	14.2	5.00	"	25.0		56.8	25-110				
Aniline	18.8	5.00	"	25.0		75.0	10-117				
Benzaldehyde	14.8	5.00	"	25.0		59.2	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	8.49	5.00	"	25.0		34.0	10-117				
Benzyl butyl phthalate	16.5	5.00	"	25.0		65.9	29-133				
Bis(2-chloroethoxy)methane	16.5	5.00	"	25.0		65.9	10-154				
Bis(2-chloroethyl)ether	27.2	5.00	"	25.0		109	17-125				
Bis(2-chloroisopropyl)ether	16.0	5.00	"	25.0		64.0	10-139				
Caprolactam	3.36	5.00	"	25.0		13.4	10-137				
Carbazole	17.9	5.00	"	25.0		71.6	42-126				
Dibenzofuran	14.6	5.00	"	25.0		58.4	36-113				
Diethyl phthalate	17.7	5.00	"	25.0		70.8	38-115				
Dimethyl phthalate	17.0	5.00	"	25.0		67.8	38-129				
Di-n-butyl phthalate	19.6	5.00	"	25.0		78.4	31-120				
Di-n-octyl phthalate	17.4	5.00	"	25.0		69.8	21-149				
Diphenylamine	19.5	5.00	"	25.0		78.1	40-140				
Hexachlorocyclopentadiene	8.38	10.0	"	25.0		33.5	10-130				
Isophorone	18.5	5.00	"	25.0		74.0	25-127				
N-nitroso-di-n-propylamine	15.5	5.00	"	25.0		61.9	26-122				
N-Nitrosodiphenylamine	19.6	5.00	"	25.0		78.3	23-149				
Phenol	5.23	5.00	"	25.0		20.9	10-110				
Pyridine	4.15	5.00	"	35.0		11.9	10-90				
Surrogate: SURR: 2-Fluorophenol	*12.2*		*"*	*50.0*		*24.4*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41277 - EPA 3510C											
LCS (BI41277-BS1)								Prepared: 09/20/2024 Analyzed: 09/23/2024			
Surrogate: SURR: Phenol-d6	*7.19*		*ug/L*	*50.0*		*14.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.4*		*"*	*25.0*		*65.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.5*		*"*	*25.0*		*58.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*60.9*		*"*	*50.0*		*122*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.6*		*"*	*25.0*		*86.5*	*30.7-106*				
LCS (BI41277-BS2)								Prepared: 09/20/2024 Analyzed: 09/23/2024			
Acenaphthene	0.350	0.0500	ug/L	1.00		35.0	25-116				
Acenaphthylene	0.390	0.0500	"	1.00		39.0	26-116				
Anthracene	0.480	0.0500	"	1.00		48.0	25-123				
Benzo(a)anthracene	0.650	0.0500	"	1.00		65.0	33-125				
Benzo(a)pyrene	0.600	0.0500	"	1.00		60.0	32-132				
Benzo(b)fluoranthene	0.620	0.0500	"	1.00		62.0	22-137				
Benzo(g,h,i)perylene	0.750	0.0500	"	1.00		75.0	10-138				
Benzo(k)fluoranthene	0.660	0.0500	"	1.00		66.0	20-137				
Bis(2-ethylhexyl)phthalate	0.840	0.500	"	1.00		84.0	10-189				
Chrysene	0.650	0.0500	"	1.00		65.0	32-124				
Dibenzo(a,h)anthracene	0.770	0.0500	"	1.00		77.0	16-133				
Fluoranthene	0.720	0.0500	"	1.00		72.0	32-121				
Fluorene	0.450	0.0500	"	1.00		45.0	28-118				
Hexachlorobenzene	0.0500	0.0200	"	1.00		5.00	23-124	Low Bias			
Hexachlorobutadiene	ND	0.500	"	1.00			15-123	Low Bias			
Hexachloroethane	0.550	0.500	"	1.00		55.0	18-115				
Indeno(1,2,3-cd)pyrene	0.750	0.0500	"	1.00		75.0	15-135				
Naphthalene	0.480	0.0500	"	1.00		48.0	18-120				
Nitrobenzene	0.300	0.250	"	1.00		30.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	ND	0.250	"	1.00			10-156	Low Bias			
Phenanthrene	0.610	0.0500	"	1.00		61.0	24-127				
Pyrene	0.570	0.0500	"	1.00		57.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41277 - EPA 3510C											
LCS Dup (BI41277-BSD1)								Prepared: 09/20/2024 Analyzed: 09/23/2024			
1,1-Biphenyl	13.9	5.00	ug/L	25.0		55.7	33-95		3.65	20	
1,2,4,5-Tetrachlorobenzene	14.5	5.00	"	25.0		58.1	26-120		5.74	20	
1,2-Diphenylhydrazine (as Azobenzene)	19.3	5.00	"	25.0		77.2	16-141		1.09	20	
2,3,4,6-Tetrachlorophenol	15.6	5.00	"	25.0		62.6	30-130		1.96	20	
2,4,5-Trichlorophenol	14.3	5.00	"	25.0		57.3	32-114		2.40	20	
2,4,6-Trichlorophenol	16.3	5.00	"	25.0		65.4	35-118		2.04	20	
2,4-Dichlorophenol	15.2	5.00	"	25.0		60.7	25-116		2.81	20	
2,4-Dimethylphenol	15.4	5.00	"	25.0		61.8	15-116		4.23	20	
2,4-Dinitrophenol	16.1	5.00	"	25.0		64.3	10-170		8.09	20	
2,4-Dinitrotoluene	22.0	5.00	"	25.0		88.0	41-128		3.57	20	
2,6-Dinitrotoluene	20.6	5.00	"	25.0		82.6	45-116		1.46	20	
2-Chloronaphthalene	13.7	5.00	"	25.0		54.8	33-112		3.42	20	
2-Chlorophenol	12.3	5.00	"	25.0		49.2	15-120		9.28	20	
2-Methylnaphthalene	12.5	5.00	"	25.0		50.0	24-118		2.02	20	
2-Methylphenol	5.62	5.00	"	25.0		22.5	10-110		5.86	20	
2-Nitroaniline	17.4	5.00	"	25.0		69.6	34-129		1.03	20	
2-Nitrophenol	18.2	5.00	"	25.0		72.7	28-118		7.66	20	
3- & 4-Methylphenols	7.43	5.00	"	25.0		29.7	10-107		186	20	Non-dir.
3,3-Dichlorobenzidine	14.8	5.00	"	25.0		59.4	15-187		4.99	20	
3-Nitroaniline	14.0	5.00	"	25.0		55.8	24-134		0.936	20	
4,6-Dinitro-2-methylphenol	32.9	5.00	"	25.0		132	10-153		5.55	20	
4-Bromophenyl phenyl ether	20.2	5.00	"	25.0		80.9	34-120		0.0989	20	
4-Chloro-3-methylphenol	17.4	5.00	"	25.0		69.4	20-120		0.860	20	
4-Chloroaniline	12.1	5.00	"	25.0		48.6	10-147		12.6	20	
4-Chlorophenyl phenyl ether	17.0	5.00	"	25.0		68.1	27-121		3.16	20	
4-Nitroaniline	13.9	5.00	"	25.0		55.8	13-134		8.71	20	
4-Nitrophenol	28.2	5.00	"	25.0		113	10-131		2.99	20	
Acetophenone	15.1	5.00	"	25.0		60.3	25-110		5.87	20	
Aniline	15.1	5.00	"	25.0		60.4	10-117		21.7	20	Non-dir.
Benzaldehyde	15.7	5.00	"	25.0		62.7	29-117		5.64	20	
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	9.16	5.00	"	25.0		36.6	10-117		7.59	20	
Benzyl butyl phthalate	15.5	5.00	"	25.0		61.9	29-133		6.26	20	
Bis(2-chloroethoxy)methane	17.2	5.00	"	25.0		68.6	10-154		3.98	20	
Bis(2-chloroethyl)ether	21.7	5.00	"	25.0		86.9	17-125		22.2	20	Non-dir.
Bis(2-chloroisopropyl)ether	17.0	5.00	"	25.0		67.9	10-139		6.01	20	
Caprolactam	3.30	5.00	"	25.0		13.2	10-137		1.80	20	
Carbazole	16.8	5.00	"	25.0		67.0	42-126		6.69	20	
Dibenzofuran	15.2	5.00	"	25.0		60.6	36-113		3.77	20	
Diethyl phthalate	16.9	5.00	"	25.0		67.7	38-115		4.45	20	
Dimethyl phthalate	16.6	5.00	"	25.0		66.4	38-129		2.09	20	
Di-n-butyl phthalate	18.4	5.00	"	25.0		73.6	31-120		6.32	20	
Di-n-octyl phthalate	16.3	5.00	"	25.0		65.1	21-149		7.00	20	
Diphenylamine	19.2	5.00	"	25.0		76.6	40-140		1.86	20	
Hexachlorocyclopentadiene	9.24	10.0	"	25.0		37.0	10-130		9.76	20	
Isophorone	19.1	5.00	"	25.0		76.6	25-127		3.40	20	
N-nitroso-di-n-propylamine	15.9	5.00	"	25.0		63.5	26-122		2.55	20	
N-Nitrosodiphenylamine	19.5	5.00	"	25.0		78.0	23-149		0.410	20	
Phenol	5.27	5.00	"	25.0		21.1	10-110		0.762	20	
Pyridine	ND	5.00	"	35.0			10-90	Low Bias		20	
Surrogate: SURR: 2-Fluorophenol	*14.4*		*"*	*50.0*		*28.7*	*19.7-63.1*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41277 - EPA 3510C											
LCS Dup (BI41277-BSD1)											
Surrogate: SURR: Phenol-d6	*8.35*		*ug/L*	*50.0*		*16.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.0*		*"*	*25.0*		*72.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.6*		*"*	*25.0*		*62.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*61.0*		*"*	*50.0*		*122*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.9*		*"*	*25.0*		*83.4*	*30.7-106*				
Batch BI41338 - EPA 3550C											
Blank (BI41338-BLK1)											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								

Prepared: 09/20/2024 Analyzed: 09/23/2024

Prepared: 09/22/2024 Analyzed: 09/23/2024

Semivolatile Organic Compounds by GC/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 BI41338 - EPA 3550C											
Blank (BI41338-BLK1)											
Prepared: 09/22/2024 Analyzed: 09/23/2024											
Benzyl butyl phthalate	ND	0.0416	mg/kg wet								
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	"								
Caprolactam	ND	0.0830	"								
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	"								
Diphenylamine	ND	0.0830	"								
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	*1.52*		"	*1.66*		*91.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.42*		"	*1.66*		*85.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.861*		"	*0.831*		*104*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.800*		"	*0.831*		*96.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.58*		"	*1.66*		*95.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.853*		"	*0.831*		*103*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41338 - EPA 3550C											
LCS (BI41338-BS1)								Prepared: 09/22/2024 Analyzed: 09/23/2024			
1,1-Biphenyl	0.750	0.0416	mg/kg wet	0.831		90.3	18-111				
1,2,4,5-Tetrachlorobenzene	0.704	0.0830	"	0.831		84.8	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.629	0.0416	"	1.25		50.5	17-137				
2,3,4,6-Tetrachlorophenol	0.977	0.0830	"	1.25		78.4	30-130				
2,4,5-Trichlorophenol	0.762	0.0416	"	1.25		61.2	27-118				
2,4,6-Trichlorophenol	0.765	0.0416	"	1.25		61.4	31-120				
2,4-Dichlorophenol	0.718	0.0416	"	1.25		57.6	20-127				
2,4-Dimethylphenol	0.718	0.0416	"	1.25		57.6	14-132				
2,4-Dinitrophenol	1.38	0.0830	"	1.25		111	10-171				
2,4-Dinitrotoluene	0.819	0.0416	"	1.25		65.8	34-131				
2,6-Dinitrotoluene	0.789	0.0416	"	1.25		63.4	31-128				
2-Chloronaphthalene	0.708	0.0416	"	1.25		56.8	31-117				
2-Chlorophenol	0.707	0.0416	"	1.25		56.7	33-113				
2-Methylnaphthalene	0.675	0.0416	"	1.25		54.2	12-138				
2-Methylphenol	0.709	0.0416	"	1.25		56.9	10-136				
2-Nitroaniline	0.799	0.0830	"	1.25		64.1	27-132				
2-Nitrophenol	0.797	0.0416	"	1.25		63.9	17-129				
3- & 4-Methylphenols	0.652	0.0416	"	1.25		52.4	29-103				
3,3-Dichlorobenzidine	0.704	0.0416	"	0.831		84.8	22-149				
3-Nitroaniline	0.655	0.0830	"	1.25		52.6	20-133				
4,6-Dinitro-2-methylphenol	1.00	0.0830	"	1.25		80.6	10-143				
4-Bromophenyl phenyl ether	0.597	0.0416	"	1.25		47.9	29-120				
4-Chloro-3-methylphenol	0.765	0.0416	"	1.25		61.4	24-129				
4-Chloroaniline	0.586	0.0416	"	1.25		47.0	10-132				
4-Chlorophenyl phenyl ether	0.729	0.0416	"	1.25		58.5	27-124				
4-Nitroaniline	0.756	0.0830	"	1.25		60.7	16-128				
4-Nitrophenol	0.988	0.0830	"	1.25		79.3	10-141				
Acenaphthene	0.703	0.0416	"	1.25		56.4	30-121				
Acenaphthylene	0.723	0.0416	"	1.25		58.1	30-115				
Acetophenone	0.770	0.0416	"	0.831		92.8	20-112				
Aniline	0.698	0.166	"	1.25		56.1	10-119				
Anthracene	0.731	0.0416	"	1.25		58.7	34-118				
Atrazine	0.730	0.0416	"	0.831		87.9	26-112				
Benzaldehyde	0.666	0.0416	"	0.831		80.2	21-100				
Benzo(a)anthracene	0.807	0.0416	"	1.25		64.7	32-122				
Benzo(a)pyrene	0.803	0.0416	"	1.25		64.5	29-133				
Benzo(b)fluoranthene	0.802	0.0416	"	1.25		64.4	25-133				
Benzo(g,h,i)perylene	0.772	0.0416	"	1.25		62.0	10-143				
Benzo(k)fluoranthene	0.785	0.0416	"	1.25		63.0	25-128				
Benzoic acid	0.975	0.0416	"	0.831		117	10-140				
Benzyl alcohol	0.714	0.0416	"	1.25		57.3	30-115				
Benzyl butyl phthalate	0.851	0.0416	"	1.25		68.3	26-126				
Bis(2-chloroethoxy)methane	0.678	0.0416	"	1.25		54.4	19-132				
Bis(2-chloroethyl)ether	0.645	0.0416	"	1.25		51.8	19-125				
Bis(2-chloroisopropyl)ether	0.709	0.0416	"	1.25		56.9	20-135				
Bis(2-ethylhexyl)phthalate	0.875	0.0416	"	1.25		70.2	10-155				
Caprolactam	0.823	0.0830	"	0.831		99.1	10-127				
Carbazole	0.745	0.0416	"	1.25		59.8	35-123				
Chrysene	0.766	0.0416	"	1.25		61.5	32-123				
Dibenzo(a,h)anthracene	0.803	0.0416	"	1.25		64.5	10-136				
Dibenzofuran	0.737	0.0416	"	1.25		59.1	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41338 - EPA 3550C											
LCS (BI41338-BS1)											
Prepared: 09/22/2024 Analyzed: 09/23/2024											
Diethyl phthalate	0.777	0.0416	mg/kg wet	1.25		62.4	34-116				
Dimethyl phthalate	0.746	0.0416	"	1.25		59.8	35-124				
Di-n-butyl phthalate	0.817	0.0416	"	1.25		65.5	31-116				
Di-n-octyl phthalate	0.978	0.0416	"	1.25		78.5	26-136				
Diphenylamine	0.717	0.0830	"	1.25		57.5	40-140				
Fluoranthene	0.789	0.0416	"	1.25		63.3	33-122				
Fluorene	0.747	0.0416	"	1.25		59.9	29-123				
Hexachlorobenzene	0.666	0.0416	"	1.25		53.4	21-124				
Hexachlorobutadiene	0.660	0.0416	"	1.25		53.0	10-149				
Hexachlorocyclopentadiene	0.634	0.0416	"	1.25		50.9	10-129				
Hexachloroethane	0.692	0.0416	"	1.25		55.6	28-108				
Indeno(1,2,3-cd)pyrene	0.911	0.0416	"	1.25		73.1	10-135				
Isophorone	0.708	0.0416	"	1.25		56.8	20-132				
Naphthalene	0.688	0.0416	"	1.25		55.2	23-124				
Nitrobenzene	0.745	0.0416	"	1.25		59.8	13-132				
N-Nitrosodimethylamine	0.793	0.0416	"	1.25		63.6	11-129				
N-nitroso-di-n-propylamine	0.671	0.0416	"	1.25		53.9	24-119				
N-Nitrosodiphenylamine	0.710	0.0416	"	1.25		57.0	22-152				
Pentachlorophenol	0.741	0.0416	"	1.25		59.5	10-139				
Phenanthrene	0.731	0.0416	"	1.25		58.7	33-123				
Phenol	0.712	0.0416	"	1.25		57.2	23-115				
Pyrene	0.741	0.0416	"	1.25		59.5	24-130				
Pyridine	0.632	0.166	"	1.25		50.7	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.51*		"	*1.66*		*91.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.40*		"	*1.66*		*84.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.820*		"	*0.831*		*98.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.751*		"	*0.831*		*90.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.52*		"	*1.66*		*91.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.813*		"	*0.831*		*97.8*	*24-116*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41331 - EPA SW846-3510C Low Level											
Blank (BI41331-BLK1)									Prepared: 09/21/2024 Analyzed: 09/23/2024		
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	*0.0719*		*"*	*0.200*		*35.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.146*		*"*	*0.200*		*72.8*	*30-150*				
LCS (BI41331-BS1)									Prepared: 09/21/2024 Analyzed: 09/23/2024		
4,4'-DDD	0.0679	0.00400	ug/L	0.100		67.9	40-140			20	
4,4'-DDE	0.0613	0.00400	"	0.100		61.3	40-140			20	
4,4'-DDT	0.0700	0.00400	"	0.100		70.0	40-140			20	
Aldrin	0.0464	0.00400	"	0.100		46.4	40-140			20	
alpha-BHC	0.0647	0.00400	"	0.100		64.7	40-140			20	
alpha-Chlordane	0.0575	0.00400	"	0.100		57.5	40-140			20	
beta-BHC	0.0779	0.00400	"	0.100		77.9	40-140			20	
delta-BHC	0.0527	0.00400	"	0.100		52.7	40-140			20	
Dieldrin	0.0629	0.00200	"	0.100		62.9	40-140			20	
Endosulfan I	0.0637	0.00400	"	0.100		63.7	40-140			20	
Endosulfan II	0.0703	0.00400	"	0.100		70.3	40-140			20	
Endosulfan sulfate	0.0656	0.00400	"	0.100		65.6	40-140			20	
Endrin	0.0664	0.00400	"	0.100		66.4	40-140			20	
Endrin aldehyde	0.0874	0.0100	"	0.100		87.4	40-140			20	
Endrin ketone	0.0709	0.0100	"	0.100		70.9	40-140			20	
gamma-BHC (Lindane)	0.0690	0.00400	"	0.100		69.0	40-140			20	
gamma-Chlordane	0.0598	0.0100	"	0.100		59.8	40-140			20	
Heptachlor	0.0549	0.00400	"	0.100		54.9	40-140			20	
Heptachlor epoxide	0.0658	0.00400	"	0.100		65.8	40-140			20	
Methoxychlor	0.0732	0.00400	"	0.100		73.2	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0813*		*"*	*0.200*		*40.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0880*		*"*	*0.200*		*44.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41337 - EPA 3545A											
Blank (BI41337-BLK1)											Prepared: 09/22/2024 Analyzed: 09/23/2024
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	*0.0392*		*"*	*0.0664*		*59.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0517*		*"*	*0.0664*		*77.8*	*30-150*				
LCS (BI41337-BS1)											Prepared: 09/22/2024 Analyzed: 09/23/2024
4,4'-DDD	0.0298	0.00164	mg/kg wet	0.0332		89.6	40-140				
4,4'-DDE	0.0301	0.00164	"	0.0332		90.7	40-140				
4,4'-DDT	0.0345	0.00164	"	0.0332		104	40-140				
Aldrin	0.0272	0.00164	"	0.0332		82.0	40-140				
alpha-BHC	0.0310	0.00164	"	0.0332		93.3	40-140				
alpha-Chlordane	0.0288	0.00164	"	0.0332		86.7	40-140				
beta-BHC	0.0363	0.00164	"	0.0332		109	40-140				
delta-BHC	0.0316	0.00164	"	0.0332		95.1	40-140				
Dieldrin	0.0294	0.00164	"	0.0332		88.6	40-140				
Endosulfan I	0.0301	0.00164	"	0.0332		90.6	40-140				
Endosulfan II	0.0322	0.00164	"	0.0332		96.8	40-140				
Endosulfan sulfate	0.0315	0.00164	"	0.0332		94.9	40-140				
Endrin	0.0306	0.00164	"	0.0332		92.0	40-140				
Endrin aldehyde	0.0343	0.00164	"	0.0332		103	40-140				
Endrin ketone	0.0323	0.00164	"	0.0332		97.3	40-140				
gamma-BHC (Lindane)	0.0307	0.00164	"	0.0332		92.3	40-140				
gamma-Chlordane	0.0285	0.00164	"	0.0332		85.8	40-140				
Heptachlor	0.0290	0.00164	"	0.0332		87.2	40-140				
Heptachlor epoxide	0.0295	0.00164	"	0.0332		88.7	40-140				
Methoxychlor	0.0356	0.00164	"	0.0332		107	40-140				
Surrogate: Decachlorobiphenyl	*0.0435*		*"*	*0.0664*		*65.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0522*		*"*	*0.0664*		*78.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41331 - EPA SW846-3510C Low Level											
Blank (BI41331-BLK2)									Prepared: 09/21/2024 Analyzed: 09/22/2024		
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	*0.155*		"	*0.200*		*77.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.273*		"	*0.200*		*136*	*30-120*				
LCS (BI41331-BS2)									Prepared: 09/21/2024 Analyzed: 09/23/2024		
Aroclor 1016	0.566	0.0500	ug/L	1.00		56.6	40-120				
Aroclor 1260	0.644	0.0500	"	1.00		64.4	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0790*		"	*0.200*		*39.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.160*		"	*0.200*		*80.0*	*30-120*				
LCS Dup (BI41331-BSD2)									Prepared: 09/21/2024 Analyzed: 09/22/2024		
Aroclor 1016	0.779	0.0500	ug/L	1.00		77.9	40-120		31.7	30	Non-dir.
Aroclor 1260	0.868	0.0500	"	1.00		86.8	40-120		29.7	30	
Surrogate: Tetrachloro-m-xylene	*0.119*		"	*0.200*		*59.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.156*		"	*0.200*		*78.0*	*30-120*				
Batch BI41337 - EPA 3545A											
Blank (BI41337-BLK2)									Prepared & Analyzed: 09/22/2024		
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	*0.0548*		"	*0.0664*		*82.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0415*		"	*0.0664*		*62.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41337 - EPA 3545A											
LCS (BI41337-BS2)							Prepared & Analyzed: 09/22/2024				
Aroclor 1016	0.294	0.0166	mg/kg wet	0.332		88.5	40-130				
Aroclor 1260	0.321	0.0166	"	0.332		96.7	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0548*		*"*	*0.0664*		*82.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0435*		*"*	*0.0664*		*65.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41336 - EPA 3550C/8151A											
Blank (BI41336-BLK1)											Prepared: 09/22/2024 Analyzed: 09/23/2024
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.336*		*"*	*0.417*		*80.6*	*21-150*				
LCS (BI41336-BS1)											Prepared: 09/22/2024 Analyzed: 09/23/2024
2,4,5-T	0.0567	0.0200	mg/kg wet	0.0667		85.0	10-120				
2,4,5-TP (Silvex)	0.0533	0.0200	"	0.0667		80.0	10-120				
2,4-D	0.0558	0.0200	"	0.0667		83.8	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.330*		*"*	*0.417*		*79.2*	*21-150*				
Batch BI41342 - EPA 8151A											
Blank (BI41342-BLK1)											Prepared: 09/22/2024 Analyzed: 09/23/2024
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*114*		*"*	*125*		*91.6*	*30-150*				
LCS (BI41342-BS1)											Prepared: 09/22/2024 Analyzed: 09/23/2024
2,4,5-T	19.8	5.00	ug/L	20.0		98.8	10-140				
2,4,5-TP (Silvex)	20.2	5.00	"	20.0		101	10-139				
2,4-D	20.8	5.00	"	20.0		104	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*122*		*"*	*125*		*98.0*	*30-150*				
LCS Dup (BI41342-BSD1)											Prepared: 09/22/2024 Analyzed: 09/23/2024
2,4,5-T	18.8	5.00	ug/L	20.0		93.8	10-140		5.19	30	
2,4,5-TP (Silvex)	19.5	5.00	"	20.0		97.5	10-139		3.77	30	
2,4-D	21.2	5.00	"	20.0		106	10-140		2.38	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*130*		*"*	*125*		*104*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41242 - EPA 3050B											
Blank (BI41242-BLK1)											Prepared: 09/19/2024 Analyzed: 09/20/2024
Antimony	ND	1.74	mg/kg wet								
Arsenic	ND	1.04	"								
Beryllium	ND	0.035	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Nickel	ND	0.692	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Thallium	ND	1.74	"								
Zinc	ND	1.73	"								
Reference (BI41242-SRM1)											Prepared: 09/19/2024 Analyzed: 09/20/2024
Antimony	68.5	1.74	mg/kg wet	244		28.1	0-99.5				
Arsenic	242	1.04	"	283		85.6	69.9-101.4				
Beryllium	165	0.035	"	175		94.5	75.4-107.4				
Cadmium	83.4	0.208	"	95.8		87.1	72.3-103.7				
Chromium	214	0.348	"	239		89.7	72.4-106.3				
Copper	219	1.39	"	217		101	74.7-105.1				
Lead	192	0.348	"	210		91.2	75.7-109.5				
Nickel	303	0.692	"	329		92.0	74.5-106.7				
Selenium	257	1.74	"	281		91.5	77.6-116.7				
Silver	81.0	0.350	"	82.7		98.0	73.7-111.7				
Thallium	110	1.74	"	123		89.4	70.2-104.8				
Zinc	232	1.73	"	260		89.1	72.7-109.2				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41287 - EPA 3015A											
Blank (BI41287-BLK1)											Prepared: 09/20/2024 Analyzed: 09/23/2024
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Chromium	ND	1.11	"								
Copper	ND	1.11	"								
Lead	ND	1.11	"								
Nickel	ND	1.11	"								
Selenium	ND	1.11	"								
Silver	ND	1.11	"								
Thallium	ND	1.11	"								
Zinc	ND	1.11	"								
LCS (BI41287-BS1)											Prepared: 09/20/2024 Analyzed: 09/23/2024
Antimony	52.0		ug/L	50.0		104	80-120				
Arsenic	52.4		"	50.0		105	80-120				
Beryllium	50.5		"	50.0		101	80-120				
Cadmium	49.7		"	50.0		99.4	80-120				
Chromium	50.0		"	50.0		99.9	80-120				
Copper	49.7		"	50.0		99.5	80-120				
Lead	51.6		"	50.0		103	80-120				
Nickel	49.4		"	50.0		98.8	80-120				
Selenium	58.8		"	50.0		118	80-120				
Silver	54.5		"	50.0		109	80-120				
Thallium	49.2		"	50.0		98.3	80-120				
Zinc	59.6		"	50.0		119	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41244 - EPA 7473 soil											
Blank (BI41244-BLK1)								Prepared: 09/19/2024 Analyzed: 09/20/2024			
Mercury	ND	0.0300	mg/kg wet								
Reference (BI41244-SRM1)								Prepared: 09/19/2024 Analyzed: 09/20/2024			
Mercury	14.594		mg/kg	18.2		80.2	59.9-140.1				
Batch BI41307 - EPA 7473 soil											
Blank (BI41307-BLK1)								Prepared: 09/20/2024 Analyzed: 09/21/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BI41307-DUP1)	*Source sample: 24I1005-01 (SB-39 (1.5-3.5))							Prepared: 09/20/2024 Analyzed: 09/21/2024			
Mercury	1.94	0.0418	mg/kg dry		0.270				151	35	Non-dir.
Matrix Spike (BI41307-MS1)	*Source sample: 24I1005-01 (SB-39 (1.5-3.5))							Prepared: 09/20/2024 Analyzed: 09/21/2024			
Mercury	1.30		mg/kg	0.500	0.194	221	75-125	High Bias			
Reference (BI41307-SRM1)								Prepared: 09/20/2024 Analyzed: 09/21/2024			
Mercury	17.118		mg/kg	18.2		94.1	59.9-140.1				
Batch BI41387 - EPA SW846-7470A											
Blank (BI41387-BLK1)								Prepared & Analyzed: 09/23/2024			
Mercury	ND	0.0002	mg/L								
Blank (BI41387-BLK2)								Prepared & Analyzed: 09/23/2024			
Mercury	ND	0.0002	mg/L								

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41387 - EPA SW846-7470A											
LCS (BI41387-BS1)								Prepared & Analyzed: 09/23/2024			
Mercury	0.0021690	0.0002	mg/L	0.00200		108	80-120				
LCS (BI41387-BS2)								Prepared & Analyzed: 09/23/2024			
Mercury	0.0020779	0.0002	mg/L	0.00200		104	80-120				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41131 - % Solids Prep											
Duplicate (BI41131-DUP1)	*Source sample: 24I1005-05 (CS-1)								Prepared & Analyzed: 09/18/2024		
% Solids	96.2	0.100	%		96.1				0.138	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I1005-01	SB-39 (1.5-3.5)	2 oz. WM Clear Glass Cool to 4° C
24I1005-02	SB-37 (2.5-3.5)	2 oz. WM Clear Glass Cool to 4° C
24I1005-03	SB-38 (3-5)	2 oz. WM Clear Glass Cool to 4° C
24I1005-04	GS-1	2 oz. WM Clear Glass Cool to 4° C
24I1005-06	GS-2	2 oz. WM Clear Glass Cool to 4° C
24I1005-08	GS-3	2 oz. WM Clear Glass Cool to 4° C
24I1005-10	GS-4	2 oz. WM Clear Glass Cool to 4° C
24I1005-12	RB_9.16.24	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
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.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CONT	Sample was received in an improper container.
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

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24I1005

Page 1 of 1

Report To:
Company: HRP Associates, Inc
Address: 1 Fairchild Sq, Suite #110, Clifton Park NY 12065
Phone: 518 877 7101
Contact: Cassy George
E-mail: Cassy.George@hrpassociates.com

Invoice To:
Company:
Address:
Phone:
Contact:
E-mail:

YOUR Project Name / Number: Remington Arms / HERISIAP2

PO Number:

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.

Elliott Jackson / Elliott Jackson

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)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs	TCL SVOCs	PP metals	TCL Herbicides	TCL PCBs	TCL Pesticides	Total Lead	RCRA 8 Metals				Grab or Comp.
SB-39(1.5-3.5)	9/16/24	905	S	2										X	X	X									G
SB-37(2.5-3.5)	"	835	S	2										X	X	X	X								G
SB-38(3-5)	"	850	S	2										X	X	X	X								G
GS-1	"	1115	S	1										X											G
CS-1	"	"	"	1											X	X		X	X						C
GS-2	"	1120	"	1										X											G
CS-2	"	"	"	1											X	X		X	X						C
GS-3	"	1125	"	1										X											G
CS-3	"	"	"	1											X	X		X	X						C
GS-4	"	1130	"	1										X											G
CS-4	"	"	"	1											X	X		X	X						C
RB-9.16.24	"	1600	GW	5	3		1							X	X	X	X	X	X						G
BS-200	"	1330	S	1																X	X				C

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 [ ]

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) NYSDEC Part 375 SCOs

Field Filtered [ ]
Lab Filtered [ ]

Comments: Send Copy to Ted.Wall@hrpassociates.com

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

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / (N) Containers Intact: (Y) / N COC/Labels Agree: (Y) / N Preservation Confirmed: (Y) / N
COC Complete: (Y) / N COC Received: (Y) / N Appropriate Sample Volumes: (Y) / N Appropriate Sample Containers: (Y) / N
Cooler Temperature Confirmed: (Y) / N Samples Submitted within Holding Times: (Y) / N Corrective Action Form Required: Y / (N)

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Elliott Jackson	9/17/24 1030	Chris C	9-17-24 10:30	Chris C	9-17-24 14:40
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				NCd	9/17/24 14:40 / 2.3 Degrees C

Technical Report

prepared for:

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

Report Date: 09/25/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I0889

Report Date: 09/25/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I0889

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 16, 2024 and listed below. The project was identified as your project: **Remington Arms/HER1510.P2**.

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
24I0889-01	SB-44 (22-25)	Soil	09/13/2024	09/16/2024
24I0889-02	SB-40 (22-24)	Soil	09/13/2024	09/16/2024
24I0889-03	SB-41 (5-9)	Soil	09/13/2024	09/16/2024
24I0889-04	SB-43 (13-15)	Soil	09/13/2024	09/16/2024
24I0889-05	RB_9.13.24	Water	09/13/2024	09/16/2024

General Notes for York Project (SDG) No.: 24I0889

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

Approved By: 

Date: 09/25/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB-44 (22-25) **York Sample ID:** 24I0889-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:05 am	09/16/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								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	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**0.83**		mg/kg dry	0.23	0.46	100	EPA 8260C	09/24/2024 09:19	09/24/2024 19:55	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**0.016**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0095**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-44 (22-25) **York Sample ID:** 24I0889-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:05 am	09/16/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.028**	ICVE, QL-02	mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**0.047**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-44 (22-25) **York Sample ID:** 24I0889-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:05 am	09/16/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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**	**0.037**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**0.041**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**0.041**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.018**		mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.028**	ICVE	mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**0.18**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**0.0072**	J	mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**0.013**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.025**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-44 (22-25) **York Sample ID:** 24I0889-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:05 am	09/16/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0023	0.0046	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	**Xylenes, Total**	**0.0088**	J	mg/kg dry	0.0069	0.014	1	EPA 8260C	09/24/2024 09:19	09/24/2024 16:51	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0928	0.185	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-44 (22-25) **York Sample ID:** 24I0889-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:05 am	09/16/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0928	0.185	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND	CCVE	mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.186	0.371	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.371	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-44 (22-25) **York Sample ID:** 24I0889-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:05 am	09/16/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND	CCVE	mg/kg dry	0.0928	0.185	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-44 (22-25) **York Sample ID:** 24I0889-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:05 am	09/16/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND	CCVE	mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.371	2	EPA 8270D	09/23/2024 13:18	09/24/2024 10:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*79.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*71.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*88.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*65.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.6 %*	*24-116*

Sample Information

Client Sample ID: SB-44 (22-25) **York Sample ID:** 24I0889-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:05 am	09/16/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.94	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**20.6**		mg/kg dry	1.16	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.539**	B	mg/kg dry	0.039	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.11**		mg/kg dry	0.232	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.1**		mg/kg dry	0.388	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**31.3**		mg/kg dry	1.55	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**11.1**	B	mg/kg dry	0.388	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.4**		mg/kg dry	0.772	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.94	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.391	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.94	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**73.8**		mg/kg dry	1.93	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0335	1	EPA 7473	09/21/2024 08:49	09/24/2024 10:14	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**89.6**		%	0.100	1	SM 2540G	09/17/2024 07:36	09/17/2024 13:35	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-40 (22-24)** **York Sample ID:** **24I0889-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:45 am	09/16/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								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	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**2.2**		mg/kg dry	0.24	0.48	100	EPA 8260C	09/24/2024 09:19	09/24/2024 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**0.049**		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.095	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0033**	J	mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-40 (22-24) **York Sample ID:** 24I0889-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:45 am	09/16/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.018**	ICVE, QL-02	mg/kg dry	0.0048	0.0095	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	**Acrolein**	**0.030**	ICVE	mg/kg dry	0.0048	0.0095	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**0.24**		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-40 (22-24) **York Sample ID:** 24I0889-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:45 am	09/16/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**0.11**		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**0.057**		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.015**		mg/kg dry	0.0048	0.0095	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.24**	ICVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**0.88**		mg/kg dry	0.24	0.48	100	EPA 8260C	09/24/2024 09:19	09/24/2024 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	**p-Isopropyltoluene**	**0.097**		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.20**		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**0.0028**	J	mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-40 (22-24) **York Sample ID:** 24I0889-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:45 am	09/16/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0024	0.0048	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0923	0.184	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-40 (22-24) **York Sample ID:** 24I0889-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:45 am	09/16/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0923	0.184	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND	CCVE	mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-40 (22-24) **York Sample ID:** 24I0889-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:45 am	09/16/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND	CCVE	mg/kg dry	0.0923	0.184	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-40 (22-24) **York Sample ID:** 24I0889-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:45 am	09/16/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND	CCVE	mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*79.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*71.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*65.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.2 %*	*24-116*

Sample Information

Client Sample ID: SB-40 (22-24) **York Sample ID:** 24I0889-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 9:45 am	09/16/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.93	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**18.3**		mg/kg dry	1.16	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.611**	B	mg/kg dry	0.039	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.35**		mg/kg dry	0.231	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.2**		mg/kg dry	0.386	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**41.9**		mg/kg dry	1.54	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**29.5**	B	mg/kg dry	0.386	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**18.6**		mg/kg dry	0.768	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.93	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.389	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.93	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**76.8**		mg/kg dry	1.92	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0333	1	EPA 7473	09/21/2024 08:49	09/24/2024 10:14	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**90.1**		%	0.100	1	SM 2540G	09/17/2024 07:36	09/17/2024 13:35	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-41 (5-9)** **York Sample ID:** **24I0889-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 10:45 am	09/16/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								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	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.068	0.14	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-41 (5-9) **York Sample ID:** 24I0889-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 10:45 am	09/16/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-41 (5-9) **York Sample ID:** 24I0889-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 10:45 am	09/16/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.032**		mg/kg dry	0.0068	0.014	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-41 (5-9) **York Sample ID:** 24I0889-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 10:45 am	09/16/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0034	0.0068	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C	09/24/2024 09:19	09/24/2024 17:42	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0966	0.193	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**0.0880**	J	mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-41 (5-9) **York Sample ID:** 24I0889-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 10:45 am	09/16/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0966	0.193	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.193	0.387	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.104**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.193	0.387	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.286**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-41 (5-9) **York Sample ID:** 24I0889-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 10:45 am	09/16/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	**Benzo(a)pyrene**	**0.346**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.283**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.216**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.301**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.319**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0772**	J	mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND	CCVE	mg/kg dry	0.0966	0.193	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.515**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-41 (5-9) **York Sample ID:** 24I0889-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 10:45 am	09/16/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.249**	ICVE	mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.138**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.410**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.452**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.193	0.387	2	EPA 8270D	09/23/2024 13:18	09/24/2024 11:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*79.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*69.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*98.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*65.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.8 %*	*24-116*

Sample Information

Client Sample ID: SB-41 (5-9) **York Sample ID:** 24I0889-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 10:45 am	09/16/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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**	**3.14**		mg/kg dry	2.02	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.59**		mg/kg dry	1.21	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.175**	B	mg/kg dry	0.041	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.281**		mg/kg dry	0.242	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.23**		mg/kg dry	0.404	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**39.1**		mg/kg dry	1.61	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**76.9**	B	mg/kg dry	0.404	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**155**		mg/kg dry	0.804	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.02	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.407	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.02	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**296**		mg/kg dry	2.01	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.0805**		mg/kg dry	0.0349	1	EPA 7473	09/21/2024 08:49	09/24/2024 10:14	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**86.1**		%	0.100	1	SM 2540G	09/17/2024 07:36	09/17/2024 13:35	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-43 (13-15)** **York Sample ID:** **24I0889-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 12:00 pm	09/16/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								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	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**4.2**		mg/kg dry	0.30	0.59	100	EPA 8260C	09/24/2024 12:39	09/24/2024 15:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-43 (13-15) **York Sample ID:** 24I0889-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 12:00 pm	09/16/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.014**	ICVE, QL-02	mg/kg dry	0.0050	0.010	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**0.15**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-43 (13-15) **York Sample ID:** 24I0889-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 12:00 pm	09/16/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**0.28**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**2.6**		mg/kg dry	0.30	0.59	100	EPA 8260C	09/24/2024 12:39	09/24/2024 15:34	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.029**	B, CAL-E, QL-02	mg/kg dry	0.0050	0.010	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.18**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**1.9**		mg/kg dry	0.30	0.59	100	EPA 8260C	09/24/2024 12:39	09/24/2024 15:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**0.0067**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.36**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**0.045**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-43 (13-15) **York Sample ID:** 24I0889-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 12:00 pm	09/16/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	09/25/2024 12:04	09/25/2024 18:03	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*256 %*	S-04, S-08	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*122 %*		*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0960	0.192	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0960	0.192	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0960	0.192	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-43 (13-15) **York Sample ID:** 24I0889-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 12:00 pm	09/16/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
91-57-6	**2-Methylnaphthalene**	**0.0483**	J	mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0960	0.192	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0960	0.192	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0960	0.192	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND	CCVE	mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0960	0.192	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0960	0.192	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.192	0.384	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.192	0.384	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: SB-43 (13-15) **York Sample ID:** 24I0889-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 12:00 pm	09/16/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.137**		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0960	0.192	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND	CCVE	mg/kg dry	0.0960	0.192	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-43 (13-15) **York Sample ID:** 24I0889-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 12:00 pm	09/16/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
206-44-0	Fluoranthene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND	CCVE	mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.192	0.384	2	EPA 8270D	09/23/2024 13:18	09/24/2024 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*87.4 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*75.8 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*125 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*83.3 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.2 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*96.2 %*		*24-116*

Sample Information

Client Sample ID: SB-43 (13-15) **York Sample ID:** 24I0889-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Soil	September 13, 2024 12:00 pm	09/16/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	2.00	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.91**		mg/kg dry	1.20	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.553**	B	mg/kg dry	0.040	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.607**		mg/kg dry	0.241	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.6**		mg/kg dry	0.401	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**30.1**		mg/kg dry	1.60	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**10.5**	B	mg/kg dry	0.401	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.7**		mg/kg dry	0.799	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.00	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.404	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.00	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**56.0**		mg/kg dry	2.00	1	EPA 6010D	09/22/2024 08:31	09/24/2024 10:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0346	1	EPA 7473	09/21/2024 08:49	09/24/2024 10:14	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**86.6**		%	0.100	1	SM 2540G	09/19/2024 07:11	09/19/2024 12:22	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **RB_9.13.24** **York Sample ID:** **24I0889-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Water	September 13, 2024 4:00 pm	09/16/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND	QL-02	ug/L	0.215	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_9.13.24 **York Sample ID:** 24I0889-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Water	September 13, 2024 4:00 pm	09/16/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	ICVE	ug/L	0.320	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.20**		ug/L	0.245	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**15.1**		ug/L	0.243	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND	QL-02	ug/L	0.262	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: RB_9.13.24 **York Sample ID:** 24I0889-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Water	September 13, 2024 4:00 pm	09/16/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.442	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_9.13.24 **York Sample ID:** 24I0889-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Water	September 13, 2024 4:00 pm	09/16/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:18	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*86.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.13.24 **York Sample ID:** 24I0889-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Water	September 13, 2024 4:00 pm	09/16/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	ug/L	5.00	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.13.24 **York Sample ID:** 24I0889-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Water	September 13, 2024 4:00 pm	09/16/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	CCVE	ug/L	0.750	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/21/2024 00:54	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*25.9 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*10.7 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.1 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*124 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.5 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: RB_9.13.24 **York Sample ID:** 24I0889-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Water	September 13, 2024 4:00 pm	09/16/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: RB_9.13.24 **York Sample ID:** 24I0889-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0889	Remington Arms/HER1510.P2	Water	September 13, 2024 4:00 pm	09/16/2024

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 16:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Priority Pollutant-Low Level

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 11:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 11:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/20/2024 08:54	09/23/2024 11:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/20/2024 08:54	09/23/2024 11:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.49**		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 11:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**1.67**		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 11:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.26**		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 11:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 11:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 11:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 11:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 11:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**12.5**		ug/L	1.11	1	EPA 6020B	09/20/2024 08:54	09/23/2024 11:54	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/23/2024 08:59	09/23/2024 08:59	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Analytical Batch Summary

Batch ID: BI41000 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24I0889-01	SB-44 (22-25)	09/17/24
24I0889-02	SB-40 (22-24)	09/17/24
24I0889-03	SB-41 (5-9)	09/17/24
BI41000-DUP1	Duplicate	09/17/24

Batch ID: BI41171 **Preparation Method:** % Solids Prep **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0889-04	SB-43 (13-15)	09/19/24

Batch ID: BI41202 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I0889-05	RB_9.13.24	09/19/24
BI41202-BLK1	Blank	09/19/24
BI41202-BLK2	Blank	09/19/24
BI41202-BS1	LCS	09/19/24
BI41202-BS2	LCS	09/19/24

Batch ID: BI41287 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24I0889-05	RB_9.13.24	09/20/24
BI41287-BLK1	Blank	09/20/24
BI41287-BS1	LCS	09/20/24

Batch ID: BI41333 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0889-01	SB-44 (22-25)	09/21/24
24I0889-02	SB-40 (22-24)	09/21/24
24I0889-03	SB-41 (5-9)	09/21/24
24I0889-04	SB-43 (13-15)	09/21/24
BI41333-BLK1	Blank	09/21/24
BI41333-DUP1	Duplicate	09/21/24
BI41333-MS1	Matrix Spike	09/21/24
BI41333-SRM1	Reference	09/21/24

Batch ID: BI41344 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I0889-01	SB-44 (22-25)	09/22/24

24I0889-02	SB-40 (22-24)	09/22/24
24I0889-03	SB-41 (5-9)	09/22/24
24I0889-04	SB-43 (13-15)	09/22/24
BI41344-BLK1	Blank	09/22/24
BI41344-SRM1	Reference	09/22/24

Batch ID: BI41387 **Preparation Method:** EPA SW846-7470A **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
24I0889-05	RB_9.13.24	09/23/24
BI41387-BLK1	Blank	09/23/24
BI41387-BLK2	Blank	09/23/24
BI41387-BS1	LCS	09/23/24
BI41387-BS2	LCS	09/23/24

Batch ID: BI41419 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24I0889-01	SB-44 (22-25)	09/23/24
24I0889-02	SB-40 (22-24)	09/23/24
24I0889-03	SB-41 (5-9)	09/23/24
24I0889-04	SB-43 (13-15)	09/23/24
BI41419-BLK1	Blank	09/23/24
BI41419-BS1	LCS	09/23/24

Batch ID: BI41481 **Preparation Method:** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
24I0889-01RE1	SB-44 (22-25)	09/24/24
24I0889-02RE1	SB-40 (22-24)	09/24/24
24I0889-04RE1	SB-43 (13-15)	09/24/24
BI41481-BLK1	Blank	09/24/24
BI41481-BLK2	Blank	09/24/24
BI41481-BS1	LCS	09/24/24
BI41481-BS2	LCS	09/24/24
BI41481-BSD1	LCS Dup	09/24/24
BI41481-BSD2	LCS Dup	09/24/24

Batch ID: BI41482 **Preparation Method:** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
24I0889-01	SB-44 (22-25)	09/24/24
24I0889-02	SB-40 (22-24)	09/24/24
24I0889-03	SB-41 (5-9)	09/24/24
BI41482-BLK1	Blank	09/24/24
BI41482-BS1	LCS	09/24/24
BI41482-BSD1	LCS Dup	09/24/24

Batch ID: BI41506 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24I0889-05	RB_9.13.24	09/24/24
BI41506-BLK1	Blank	09/24/24
BI41506-BS1	LCS	09/24/24

Batch ID: BI41572 **Preparation Method:** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
24I0889-04	SB-43 (13-15)	09/25/24
BI41572-BLK1	Blank	09/25/24
BI41572-BS1	LCS	09/25/24
BI41572-BSD1	LCS Dup	09/25/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
Blank (BI41481-BLK1)									Prepared & Analyzed: 09/24/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
Blank (BI41481-BLK1)									Prepared & Analyzed: 09/24/2024		
n-Butylbenzene	ND	0.0050	mg/kg wet								
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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.4*		*"*	*50.0*		*107*	*76-130*				
Blank (BI41481-BLK2)									Prepared & Analyzed: 09/24/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
Blank (BI41481-BLK2)									Prepared & Analyzed: 09/24/2024		
Bromoform	ND	0.50	mg/kg wet								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	1.5	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.5*		*ug/L*	*50.0*		*97.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.6*		*"*	*50.0*		*109*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS (BI41481-BS1)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	50.2		ug/L	50.0		100	75-129				
1,1,1-Trichloroethane	45.3		"	50.0		90.6	71-137				
1,1,2,2-Tetrachloroethane	51.2		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41.2		"	50.0		82.5	58-146				
1,1,2-Trichloroethane	49.7		"	50.0		99.4	83-123				
1,1-Dichloroethane	44.1		"	50.0		88.2	75-130				
1,1-Dichloroethylene	43.6		"	50.0		87.1	64-137				
1,2,3-Trichlorobenzene	48.4		"	50.0		96.8	81-140				
1,2,3-Trichloropropane	49.7		"	50.0		99.4	81-126				
1,2,4-Trichlorobenzene	48.5		"	50.0		96.9	80-141				
1,2,4-Trimethylbenzene	48.6		"	50.0		97.2	84-125				
1,2-Dibromo-3-chloropropane	50.2		"	50.0		100	74-142				
1,2-Dibromoethane	51.2		"	50.0		102	86-123				
1,2-Dichlorobenzene	49.0		"	50.0		98.1	85-122				
1,2-Dichloroethane	50.2		"	50.0		100	71-133				
1,2-Dichloropropane	48.9		"	50.0		97.8	81-122				
1,3,5-Trimethylbenzene	49.3		"	50.0		98.7	82-126				
1,3-Dichlorobenzene	48.4		"	50.0		96.8	84-124				
1,4-Dichlorobenzene	46.5		"	50.0		93.1	84-124				
1,4-Dioxane	1730		"	1050		165	10-228				
2-Butanone	43.5		"	50.0		87.0	58-147				
2-Hexanone	43.3		"	50.0		86.6	70-139				
4-Methyl-2-pentanone	51.5		"	50.0		103	72-132				
Acetone	90.0		"	50.0		180	36-155	High Bias			
Acrolein	86.9		"	50.0		174	10-238				
Acrylonitrile	48.5		"	50.0		97.0	66-141				
Benzene	47.7		"	50.0		95.5	77-127				
Bromochloromethane	48.8		"	50.0		97.7	74-129				
Bromodichloromethane	50.6		"	50.0		101	81-124				
Bromoform	47.6		"	50.0		95.2	80-136				
Bromomethane	44.3		"	50.0		88.6	32-177				
Carbon disulfide	41.4		"	50.0		82.9	10-136				
Carbon tetrachloride	47.3		"	50.0		94.6	66-143				
Chlorobenzene	48.0		"	50.0		96.0	86-120				
Chloroethane	44.3		"	50.0		88.6	51-142				
Chloroform	48.0		"	50.0		96.1	76-131				
Chloromethane	38.0		"	50.0		76.0	49-132				
cis-1,2-Dichloroethylene	46.7		"	50.0		93.4	74-132				
cis-1,3-Dichloropropylene	48.7		"	50.0		97.4	81-129				
Cyclohexane	42.8		"	50.0		85.6	70-130				
Dibromochloromethane	50.2		"	50.0		100	10-200				
Dibromomethane	48.9		"	50.0		97.7	83-124				
Dichlorodifluoromethane	24.7		"	50.0		49.3	28-158				
Ethyl Benzene	48.2		"	50.0		96.4	84-125				
Hexachlorobutadiene	42.7		"	50.0		85.4	83-133				
Isopropylbenzene	48.2		"	50.0		96.4	81-127				
Methyl acetate	43.5		"	50.0		87.1	41-143				
Methyl tert-butyl ether (MTBE)	48.4		"	50.0		96.7	74-131				
Methylcyclohexane	42.3		"	50.0		84.6	70-130				
Methylene chloride	41.7		"	50.0		83.3	57-141				
n-Butylbenzene	47.5		"	50.0		94.9	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS (BI41481-BS1)								Prepared & Analyzed: 09/24/2024			
n-Propylbenzene	47.6		ug/L	50.0		95.3	74-136				
o-Xylene	48.2		"	50.0		96.3	83-123				
p- & m- Xylenes	95.3		"	100		95.3	82-128				
p-Isopropyltoluene	46.9		"	50.0		93.8	85-125				
sec-Butylbenzene	47.5		"	50.0		94.9	83-125				
Styrene	50.7		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	235		"	250		94.1	70-130				
tert-Butylbenzene	46.8		"	50.0		93.5	80-127				
Tetrachloroethylene	44.4		"	50.0		88.9	80-129				
Toluene	47.7		"	50.0		95.4	85-121				
trans-1,2-Dichloroethylene	44.4		"	50.0		88.8	72-132				
trans-1,3-Dichloropropylene	49.6		"	50.0		99.3	78-132				
Trichloroethylene	46.6		"	50.0		93.1	84-123				
Trichlorofluoromethane	45.4		"	50.0		90.7	62-140				
Vinyl Chloride	40.4		"	50.0		80.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				
LCS (BI41481-BS2)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	53.0		ug/L	50.0		106	75-129				
1,1,1-Trichloroethane	48.0		"	50.0		95.9	71-137				
1,1,2,2-Tetrachloroethane	51.9		"	50.0		104	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.0		"	50.0		92.0	58-146				
1,1,2-Trichloroethane	50.0		"	50.0		100	83-123				
1,1-Dichloroethane	46.8		"	50.0		93.6	75-130				
1,1-Dichloroethylene	47.7		"	50.0		95.4	64-137				
1,2,3-Trichlorobenzene	51.3		"	50.0		103	81-140				
1,2,3-Trichloropropane	49.2		"	50.0		98.4	81-126				
1,2,4-Trichlorobenzene	52.2		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	50.6		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	47.4		"	50.0		94.8	74-142				
1,2-Dibromoethane	51.7		"	50.0		103	86-123				
1,2-Dichlorobenzene	50.1		"	50.0		100	85-122				
1,2-Dichloroethane	50.3		"	50.0		101	71-133				
1,2-Dichloropropane	49.7		"	50.0		99.4	81-122				
1,3,5-Trimethylbenzene	51.5		"	50.0		103	82-126				
1,3-Dichlorobenzene	52.9		"	50.0		106	84-124				
1,4-Dichlorobenzene	48.4		"	50.0		96.9	84-124				
1,4-Dioxane	1670		"	1050		159	10-228				
2-Butanone	46.4		"	50.0		92.8	58-147				
2-Hexanone	45.8		"	50.0		91.5	70-139				
4-Methyl-2-pentanone	50.2		"	50.0		100	72-132				
Acetone	94.9		"	50.0		190	36-155	High Bias			
Acrolein	105		"	50.0		209	10-238				
Acrylonitrile	50.3		"	50.0		101	66-141				
Benzene	49.6		"	50.0		99.2	77-127				
Bromochloromethane	49.8		"	50.0		99.5	74-129				
Bromodichloromethane	51.3		"	50.0		103	81-124				
Bromoform	48.3		"	50.0		96.5	80-136				
Bromomethane	21.6		"	50.0		43.1	32-177				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS (BI41481-BS2)								Prepared & Analyzed: 09/24/2024			
Carbon disulfide	45.9		ug/L	50.0		91.7	10-136				
Carbon tetrachloride	51.8		"	50.0		104	66-143				
Chlorobenzene	49.2		"	50.0		98.3	86-120				
Chloroethane	40.3		"	50.0		80.6	51-142				
Chloroform	49.6		"	50.0		99.2	76-131				
Chloromethane	40.0		"	50.0		80.0	49-132				
cis-1,2-Dichloroethylene	48.3		"	50.0		96.5	74-132				
cis-1,3-Dichloropropylene	50.2		"	50.0		100	81-129				
Cyclohexane	45.4		"	50.0		90.8	70-130				
Dibromochloromethane	50.5		"	50.0		101	10-200				
Dibromomethane	49.6		"	50.0		99.3	83-124				
Dichlorodifluoromethane	26.4		"	50.0		52.8	28-158				
Ethyl Benzene	49.6		"	50.0		99.2	84-125				
Hexachlorobutadiene	49.7		"	50.0		99.4	83-133				
Isopropylbenzene	50.5		"	50.0		101	81-127				
Methyl acetate	45.0		"	50.0		89.9	41-143				
Methyl tert-butyl ether (MTBE)	48.9		"	50.0		97.8	74-131				
Methylcyclohexane	44.6		"	50.0		89.3	70-130				
Methylene chloride	152		"	50.0		303	57-141	High Bias			
n-Butylbenzene	51.6		"	50.0		103	80-130				
n-Propylbenzene	50.1		"	50.0		100	74-136				
o-Xylene	49.3		"	50.0		98.6	83-123				
p- & m- Xylenes	98.0		"	100		98.0	82-128				
p-Isopropyltoluene	51.0		"	50.0		102	85-125				
sec-Butylbenzene	50.8		"	50.0		102	83-125				
Styrene	53.8		"	50.0		108	86-126				
tert-Butyl alcohol (TBA)	235		"	250		94.1	70-130				
tert-Butylbenzene	49.4		"	50.0		98.8	80-127				
Tetrachloroethylene	40.3		"	50.0		80.6	80-129				
Toluene	49.1		"	50.0		98.1	85-121				
trans-1,2-Dichloroethylene	47.6		"	50.0		95.2	72-132				
trans-1,3-Dichloropropylene	50.8		"	50.0		102	78-132				
Trichloroethylene	48.5		"	50.0		97.1	84-123				
Trichlorofluoromethane	48.2		"	50.0		96.5	62-140				
Vinyl Chloride	42.8		"	50.0		85.7	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS Dup (BI41481-BSD1)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	52.1		ug/L	50.0		104	75-129		3.68	30	
1,1,1-Trichloroethane	47.9		"	50.0		95.7	71-137		5.52	30	
1,1,2,2-Tetrachloroethane	51.1		"	50.0		102	79-129		0.137	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.9		"	50.0		87.9	58-146		6.36	30	
1,1,2-Trichloroethane	50.1		"	50.0		100	83-123		0.801	30	
1,1-Dichloroethane	46.1		"	50.0		92.3	75-130		4.50	30	
1,1-Dichloroethylene	46.2		"	50.0		92.4	64-137		5.93	30	
1,2,3-Trichlorobenzene	49.7		"	50.0		99.4	81-140		2.59	30	
1,2,3-Trichloropropane	50.2		"	50.0		100	81-126		1.12	30	
1,2,4-Trichlorobenzene	50.6		"	50.0		101	80-141		4.32	30	
1,2,4-Trimethylbenzene	52.1		"	50.0		104	84-125		6.97	30	
1,2-Dibromo-3-chloropropane	49.0		"	50.0		97.9	74-142		2.56	30	
1,2-Dibromoethane	51.0		"	50.0		102	86-123		0.587	30	
1,2-Dichlorobenzene	51.1		"	50.0		102	85-122		4.13	30	
1,2-Dichloroethane	50.5		"	50.0		101	71-133		0.596	30	
1,2-Dichloropropane	51.1		"	50.0		102	81-122		4.34	30	
1,3,5-Trimethylbenzene	52.9		"	50.0		106	82-126		6.89	30	
1,3-Dichlorobenzene	50.9		"	50.0		102	84-124		5.05	30	
1,4-Dichlorobenzene	49.2		"	50.0		98.4	84-124		5.56	30	
1,4-Dioxane	1650		"	1050		157	10-228		4.44	30	
2-Butanone	42.2		"	50.0		84.3	58-147		3.13	30	
2-Hexanone	41.8		"	50.0		83.6	70-139		3.46	30	
4-Methyl-2-pentanone	50.0		"	50.0		100	72-132		2.96	30	
Acetone	86.2		"	50.0		172	36-155	High Bias	4.29	30	
Acrolein	86.2		"	50.0		172	10-238		0.774	30	
Acrylonitrile	46.2		"	50.0		92.3	66-141		4.96	30	
Benzene	49.6		"	50.0		99.3	77-127		3.94	30	
Bromochloromethane	49.1		"	50.0		98.2	74-129		0.531	30	
Bromodichloromethane	52.2		"	50.0		104	81-124		2.98	30	
Bromoform	46.8		"	50.0		93.5	80-136		1.76	30	
Bromomethane	45.6		"	50.0		91.2	32-177		2.89	30	
Carbon disulfide	43.9		"	50.0		87.8	10-136		5.72	30	
Carbon tetrachloride	49.8		"	50.0		99.6	66-143		5.21	30	
Chlorobenzene	50.0		"	50.0		99.9	86-120		4.02	30	
Chloroethane	46.6		"	50.0		93.2	51-142		5.06	30	
Chloroform	49.8		"	50.0		99.7	76-131		3.68	30	
Chloromethane	40.6		"	50.0		81.2	49-132		6.64	30	
cis-1,2-Dichloroethylene	49.1		"	50.0		98.1	74-132		4.97	30	
cis-1,3-Dichloropropylene	50.4		"	50.0		101	81-129		3.51	30	
Cyclohexane	45.0		"	50.0		90.1	70-130		5.08	30	
Dibromochloromethane	50.7		"	50.0		101	10-200		0.931	30	
Dibromomethane	48.9		"	50.0		97.9	83-124		0.143	30	
Dichlorodifluoromethane	26.8		"	50.0		53.7	28-158		8.47	30	
Ethyl Benzene	51.0		"	50.0		102	84-125		5.59	30	
Hexachlorobutadiene	45.8		"	50.0		91.6	83-133		7.10	30	
Isopropylbenzene	52.1		"	50.0		104	81-127		7.82	30	
Methyl acetate	41.1		"	50.0		82.2	41-143		5.72	30	
Methyl tert-butyl ether (MTBE)	48.3		"	50.0		96.7	74-131		0.0620	30	
Methylcyclohexane	44.8		"	50.0		89.6	70-130		5.74	30	
Methylene chloride	42.8		"	50.0		85.6	57-141		2.63	30	
n-Butylbenzene	51.1		"	50.0		102	80-130		7.41	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS Dup (BI41481-BSD1)								Prepared & Analyzed: 09/24/2024			
n-Propylbenzene	51.4		ug/L	50.0		103	74-136		7.63	30	
o-Xylene	50.9		"	50.0		102	83-123		5.47	30	
p- & m- Xylenes	100		"	100		100	82-128		5.24	30	
p-Isopropyltoluene	50.4		"	50.0		101	85-125		7.19	30	
sec-Butylbenzene	51.4		"	50.0		103	83-125		8.03	30	
Styrene	52.8		"	50.0		106	86-126		4.11	30	
tert-Butyl alcohol (TBA)	226		"	250		90.5	70-130		3.97	30	
tert-Butylbenzene	50.4		"	50.0		101	80-127		7.51	30	
Tetrachloroethylene	46.9		"	50.0		93.7	80-129		5.30	30	
Toluene	50.4		"	50.0		101	85-121		5.42	30	
trans-1,2-Dichloroethylene	46.5		"	50.0		93.0	72-132		4.58	30	
trans-1,3-Dichloropropylene	50.1		"	50.0		100	78-132		0.863	30	
Trichloroethylene	49.5		"	50.0		99.0	84-123		6.10	30	
Trichlorofluoromethane	47.5		"	50.0		95.0	62-140		4.59	30	
Vinyl Chloride	43.2		"	50.0		86.4	52-130		6.58	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*98.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*76-130*				
LCS Dup (BI41481-BSD2)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	58.8		ug/L	50.0		118	75-129		10.5	30	
1,1,1-Trichloroethane	53.5		"	50.0		107	71-137		10.9	30	
1,1,2,2-Tetrachloroethane	58.4		"	50.0		117	79-129		11.8	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.7		"	50.0		99.3	58-146		7.69	30	
1,1,2-Trichloroethane	55.5		"	50.0		111	83-123		10.4	30	
1,1-Dichloroethane	52.3		"	50.0		105	75-130		11.1	30	
1,1-Dichloroethylene	52.1		"	50.0		104	64-137		8.74	30	
1,2,3-Trichlorobenzene	56.5		"	50.0		113	81-140		9.74	30	
1,2,3-Trichloropropane	56.5		"	50.0		113	81-126		13.7	30	
1,2,4-Trichlorobenzene	57.7		"	50.0		115	80-141		9.86	30	
1,2,4-Trimethylbenzene	55.5		"	50.0		111	84-125		9.23	30	
1,2-Dibromo-3-chloropropane	53.5		"	50.0		107	74-142		12.0	30	
1,2-Dibromoethane	57.6		"	50.0		115	86-123		10.7	30	
1,2-Dichlorobenzene	54.9		"	50.0		110	85-122		9.28	30	
1,2-Dichloroethane	56.5		"	50.0		113	71-133		11.5	30	
1,2-Dichloropropane	54.6		"	50.0		109	81-122		9.43	30	
1,3,5-Trimethylbenzene	56.8		"	50.0		114	82-126		9.68	30	
1,3-Dichlorobenzene	58.0		"	50.0		116	84-124		9.13	30	
1,4-Dichlorobenzene	53.5		"	50.0		107	84-124		9.85	30	
1,4-Dioxane	1890		"	1050		180	10-228		12.2	30	
2-Butanone	51.8		"	50.0		104	58-147		10.9	30	
2-Hexanone	53.8		"	50.0		108	70-139		16.1	30	
4-Methyl-2-pentanone	57.0		"	50.0		114	72-132		12.7	30	
Acetone	107		"	50.0		214	36-155	High Bias	12.1	30	
Acrolein	120		"	50.0		241	10-238	High Bias	14.1	30	
Acrylonitrile	58.1		"	50.0		116	66-141		14.4	30	
Benzene	55.0		"	50.0		110	77-127		10.2	30	
Bromochloromethane	55.3		"	50.0		111	74-129		10.6	30	
Bromodichloromethane	56.9		"	50.0		114	81-124		10.4	30	
Bromoform	54.0		"	50.0		108	80-136		11.3	30	
Bromomethane	22.7		"	50.0		45.5	32-177		5.33	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS Dup (BI41481-BSD2)								Prepared & Analyzed: 09/24/2024			
Carbon disulfide	50.6		ug/L	50.0		101	10-136		9.77	30	
Carbon tetrachloride	56.8		"	50.0		114	66-143		9.21	30	
Chlorobenzene	54.4		"	50.0		109	86-120		10.2	30	
Chloroethane	41.3		"	50.0		82.6	51-142		2.45	30	
Chloroform	55.1		"	50.0		110	76-131		10.5	30	
Chloromethane	43.0		"	50.0		86.0	49-132		7.16	30	
cis-1,2-Dichloroethylene	54.2		"	50.0		108	74-132		11.6	30	
cis-1,3-Dichloropropylene	56.0		"	50.0		112	81-129		11.0	30	
Cyclohexane	50.0		"	50.0		100	70-130		9.66	30	
Dibromochloromethane	57.1		"	50.0		114	10-200		12.3	30	
Dibromomethane	54.8		"	50.0		110	83-124		9.94	30	
Dichlorodifluoromethane	28.4		"	50.0		56.8	28-158		7.30	30	
Ethyl Benzene	54.8		"	50.0		110	84-125		10.1	30	
Hexachlorobutadiene	54.8		"	50.0		110	83-133		9.81	30	
Isopropylbenzene	55.2		"	50.0		110	81-127		8.80	30	
Methyl acetate	51.7		"	50.0		103	41-143		13.9	30	
Methyl tert-butyl ether (MTBE)	56.2		"	50.0		112	74-131		13.9	30	
Methylcyclohexane	49.1		"	50.0		98.2	70-130		9.45	30	
Methylene chloride	140		"	50.0		279	57-141	High Bias	8.28	30	
n-Butylbenzene	56.1		"	50.0		112	80-130		8.39	30	
n-Propylbenzene	54.8		"	50.0		110	74-136		8.96	30	
o-Xylene	54.3		"	50.0		109	83-123		9.61	30	
p- & m- Xylenes	108		"	100		108	82-128		10.1	30	
p-Isopropyltoluene	55.8		"	50.0		112	85-125		8.99	30	
sec-Butylbenzene	55.2		"	50.0		110	83-125		8.15	30	
Styrene	59.5		"	50.0		119	86-126		10.1	30	
tert-Butyl alcohol (TBA)	264		"	250		106	70-130		11.6	30	
tert-Butylbenzene	54.1		"	50.0		108	80-127		8.99	30	
Tetrachloroethylene	44.5		"	50.0		88.9	80-129		9.79	30	
Toluene	54.3		"	50.0		109	85-121		10.2	30	
trans-1,2-Dichloroethylene	52.5		"	50.0		105	72-132		9.79	30	
trans-1,3-Dichloropropylene	57.1		"	50.0		114	78-132		11.5	30	
Trichloroethylene	53.4		"	50.0		107	84-123		9.63	30	
Trichlorofluoromethane	51.3		"	50.0		103	62-140		6.11	30	
Vinyl Chloride	45.8		"	50.0		91.5	52-130		6.61	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*98.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

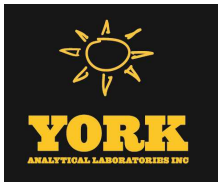
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41482 - EPA 5035A											
Blank (BI41482-BLK1)									Prepared & Analyzed: 09/24/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41482 - EPA 5035A											
Blank (BI41482-BLK1)								Prepared & Analyzed: 09/24/2024			
n-Propylbenzene	ND	0.0050	mg/kg wet								
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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				
LCS (BI41482-BS1)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	46.3		ug/L	50.0		92.5	75-129				
1,1,1-Trichloroethane	43.6		"	50.0		87.2	71-137				
1,1,2,2-Tetrachloroethane	46.8		"	50.0		93.6	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.4		"	50.0		86.9	58-146				
1,1,2-Trichloroethane	45.0		"	50.0		89.9	83-123				
1,1-Dichloroethane	43.2		"	50.0		86.4	75-130				
1,1-Dichloroethylene	41.8		"	50.0		83.6	64-137				
1,2,3-Trichlorobenzene	43.8		"	50.0		87.7	81-140				
1,2,3-Trichloropropane	46.5		"	50.0		92.9	81-126				
1,2,4-Trichlorobenzene	44.1		"	50.0		88.3	80-141				
1,2,4-Trimethylbenzene	46.3		"	50.0		92.5	84-125				
1,2-Dibromo-3-chloropropane	47.5		"	50.0		95.0	74-142				
1,2-Dibromoethane	46.7		"	50.0		93.4	86-123				
1,2-Dichlorobenzene	45.1		"	50.0		90.2	85-122				
1,2-Dichloroethane	45.6		"	50.0		91.1	71-133				
1,2-Dichloropropane	44.4		"	50.0		88.7	81-122				
1,3,5-Trimethylbenzene	45.9		"	50.0		91.8	82-126				
1,3-Dichlorobenzene	44.4		"	50.0		88.8	84-124				
1,4-Dichlorobenzene	44.5		"	50.0		89.1	84-124				
1,4-Dioxane	844		"	1050		80.4	10-228				
2-Butanone	49.0		"	50.0		98.0	58-147				
2-Hexanone	45.4		"	50.0		90.9	70-139				
4-Methyl-2-pentanone	46.2		"	50.0		92.3	72-132				
Acetone	97.8		"	50.0		196	36-155	High Bias			
Acrolein	87.3		"	50.0		175	10-238				
Acrylonitrile	46.6		"	50.0		93.2	66-141				
Benzene	45.3		"	50.0		90.5	77-127				
Bromochloromethane	43.7		"	50.0		87.5	74-129				
Bromodichloromethane	45.0		"	50.0		90.1	81-124				
Bromoform	47.2		"	50.0		94.4	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41482 - EPA 5035A											
LCS (BI41482-BS1)								Prepared & Analyzed: 09/24/2024			
Bromomethane	39.7		ug/L	50.0		79.5	32-177				
Carbon disulfide	40.7		"	50.0		81.4	10-136				
Carbon tetrachloride	44.5		"	50.0		88.9	66-143				
Chlorobenzene	45.3		"	50.0		90.6	86-120				
Chloroethane	40.5		"	50.0		81.1	51-142				
Chloroform	45.2		"	50.0		90.4	76-131				
Chloromethane	37.5		"	50.0		75.0	49-132				
cis-1,2-Dichloroethylene	44.3		"	50.0		88.7	74-132				
cis-1,3-Dichloropropylene	43.0		"	50.0		86.0	81-129				
Cyclohexane	40.2		"	50.0		80.3	70-130				
Dibromochloromethane	46.4		"	50.0		92.8	10-200				
Dibromomethane	44.8		"	50.0		89.5	83-124				
Dichlorodifluoromethane	27.7		"	50.0		55.3	28-158				
Ethyl Benzene	45.9		"	50.0		91.8	84-125				
Hexachlorobutadiene	40.2		"	50.0		80.3	83-133	Low Bias			
Isopropylbenzene	45.5		"	50.0		91.0	81-127				
Methyl acetate	39.8		"	50.0		79.5	41-143				
Methyl tert-butyl ether (MTBE)	45.5		"	50.0		91.1	74-131				
Methylcyclohexane	39.3		"	50.0		78.6	70-130				
Methylene chloride	41.3		"	50.0		82.5	57-141				
n-Butylbenzene	43.2		"	50.0		86.3	80-130				
n-Propylbenzene	44.3		"	50.0		88.7	74-136				
o-Xylene	45.8		"	50.0		91.6	83-123				
p- & m- Xylenes	89.7		"	100		89.7	82-128				
p-Isopropyltoluene	44.2		"	50.0		88.4	85-125				
sec-Butylbenzene	44.1		"	50.0		88.2	83-125				
Styrene	45.8		"	50.0		91.6	86-126				
tert-Butyl alcohol (TBA)	260		"	250		104	70-130				
tert-Butylbenzene	44.5		"	50.0		88.9	80-127				
Tetrachloroethylene	36.0		"	50.0		72.0	80-129	Low Bias			
Toluene	44.0		"	50.0		87.9	85-121				
trans-1,2-Dichloroethylene	43.0		"	50.0		86.1	72-132				
trans-1,3-Dichloropropylene	44.9		"	50.0		89.9	78-132				
Trichloroethylene	43.4		"	50.0		86.9	84-123				
Trichlorofluoromethane	42.5		"	50.0		85.0	62-140				
Vinyl Chloride	39.7		"	50.0		79.5	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.9*		*"*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41482 - EPA 5035A											
LCS Dup (BI41482-BSD1)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	49.9		ug/L	50.0		99.9	75-129		7.61	30	
1,1,1-Trichloroethane	46.9		"	50.0		93.8	71-137		7.25	30	
1,1,2,2-Tetrachloroethane	51.8		"	50.0		104	79-129		10.1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41.2		"	50.0		82.4	58-146		5.32	30	
1,1,2-Trichloroethane	48.8		"	50.0		97.6	83-123		8.25	30	
1,1-Dichloroethane	45.2		"	50.0		90.4	75-130		4.46	30	
1,1-Dichloroethylene	44.9		"	50.0		89.8	64-137		7.08	30	
1,2,3-Trichlorobenzene	46.6		"	50.0		93.2	81-140		6.10	30	
1,2,3-Trichloropropane	50.6		"	50.0		101	81-126		8.59	30	
1,2,4-Trichlorobenzene	45.8		"	50.0		91.5	80-141		3.60	30	
1,2,4-Trimethylbenzene	48.6		"	50.0		97.3	84-125		4.99	30	
1,2-Dibromo-3-chloropropane	47.4		"	50.0		94.8	74-142		0.211	30	
1,2-Dibromoethane	49.1		"	50.0		98.3	86-123		5.11	30	
1,2-Dichlorobenzene	47.4		"	50.0		94.8	85-122		5.02	30	
1,2-Dichloroethane	48.2		"	50.0		96.4	71-133		5.69	30	
1,2-Dichloropropane	46.9		"	50.0		93.8	81-122		5.54	30	
1,3,5-Trimethylbenzene	48.1		"	50.0		96.2	82-126		4.70	30	
1,3-Dichlorobenzene	46.8		"	50.0		93.6	84-124		5.24	30	
1,4-Dichlorobenzene	46.4		"	50.0		92.9	84-124		4.16	30	
1,4-Dioxane	1720		"	1050		164	10-228		68.5	30	Non-dir.
2-Butanone	49.5		"	50.0		99.0	58-147		0.995	30	
2-Hexanone	46.9		"	50.0		93.9	70-139		3.27	30	
4-Methyl-2-pentanone	50.1		"	50.0		100	72-132		8.13	30	
Acetone	100		"	50.0		200	36-155	High Bias	2.43	30	
Acrolein	93.6		"	50.0		187	10-238		6.88	30	
Acrylonitrile	48.9		"	50.0		97.7	66-141		4.73	30	
Benzene	48.2		"	50.0		96.3	77-127		6.23	30	
Bromochloromethane	46.5		"	50.0		93.1	74-129		6.20	30	
Bromodichloromethane	48.0		"	50.0		96.0	81-124		6.40	30	
Bromoform	50.7		"	50.0		101	80-136		7.25	30	
Bromomethane	41.7		"	50.0		83.4	32-177		4.79	30	
Carbon disulfide	43.1		"	50.0		86.3	10-136		5.80	30	
Carbon tetrachloride	48.2		"	50.0		96.3	66-143		7.97	30	
Chlorobenzene	48.6		"	50.0		97.2	86-120		7.09	30	
Chloroethane	42.8		"	50.0		85.7	51-142		5.52	30	
Chloroform	48.3		"	50.0		96.6	76-131		6.67	30	
Chloromethane	38.8		"	50.0		77.7	49-132		3.54	30	
cis-1,2-Dichloroethylene	47.0		"	50.0		93.9	74-132		5.76	30	
cis-1,3-Dichloropropylene	46.7		"	50.0		93.4	81-129		8.18	30	
Cyclohexane	40.0		"	50.0		80.1	70-130		0.274	30	
Dibromochloromethane	50.4		"	50.0		101	10-200		8.34	30	
Dibromomethane	47.2		"	50.0		94.4	83-124		5.31	30	
Dichlorodifluoromethane	25.9		"	50.0		51.8	28-158		6.49	30	
Ethyl Benzene	48.8		"	50.0		97.6	84-125		6.12	30	
Hexachlorobutadiene	39.5		"	50.0		79.0	83-133	Low Bias	1.68	30	
Isopropylbenzene	47.6		"	50.0		95.2	81-127		4.55	30	
Methyl acetate	41.7		"	50.0		83.4	41-143		4.69	30	
Methyl tert-butyl ether (MTBE)	47.6		"	50.0		95.3	74-131		4.55	30	
Methylcyclohexane	39.1		"	50.0		78.3	70-130		0.434	30	
Methylene chloride	43.5		"	50.0		87.0	57-141		5.31	30	
n-Butylbenzene	44.7		"	50.0		89.5	80-130		3.55	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41482 - EPA 5035A											
LCS Dup (BI41482-BSD1)								Prepared & Analyzed: 09/24/2024			
n-Propylbenzene	47.1		ug/L	50.0		94.1	74-136		5.95	30	
o-Xylene	49.0		"	50.0		98.0	83-123		6.79	30	
p- & m- Xylenes	96.6		"	100		96.6	82-128		7.39	30	
p-Isopropyltoluene	45.4		"	50.0		90.9	85-125		2.74	30	
sec-Butylbenzene	45.4		"	50.0		90.8	83-125		2.88	30	
Styrene	48.5		"	50.0		97.0	86-126		5.75	30	
tert-Butyl alcohol (TBA)	256		"	250		102	70-130		1.33	30	
tert-Butylbenzene	46.3		"	50.0		92.5	80-127		3.97	30	
Tetrachloroethylene	38.9		"	50.0		77.9	80-129	Low Bias	7.85	30	
Toluene	48.2		"	50.0		96.4	85-121		9.24	30	
trans-1,2-Dichloroethylene	44.9		"	50.0		89.8	72-132		4.16	30	
trans-1,3-Dichloropropylene	47.6		"	50.0		95.3	78-132		5.83	30	
Trichloroethylene	47.8		"	50.0		95.5	84-123		9.45	30	
Trichlorofluoromethane	44.2		"	50.0		88.4	62-140		3.97	30	
Vinyl Chloride	41.3		"	50.0		82.6	52-130		3.90	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.8*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.4*	*76-130*				
Batch BI41506 - EPA 5030B											
Blank (BI41506-BLK1)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41506 - EPA 5030B											
Blank (BI41506-BLK1)									Prepared & Analyzed: 09/24/2024		
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	0.650	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.06*		*"*	*10.0*		*90.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41506 - EPA 5030B											
LCS (BI41506-BS1)							Prepared & Analyzed: 09/24/2024				
1,1,1,2-Tetrachloroethane	8.50		ug/L	10.0		85.0	82-126				
1,1,1-Trichloroethane	8.75		"	10.0		87.5	78-136				
1,1,2,2-Tetrachloroethane	8.29		"	10.0		82.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.55		"	10.0		85.5	54-165				
1,1,2-Trichloroethane	8.03		"	10.0		80.3	82-123	Low Bias			
1,1-Dichloroethane	8.34		"	10.0		83.4	82-129				
1,1-Dichloroethylene	8.24		"	10.0		82.4	68-138				
1,2,3-Trichlorobenzene	8.43		"	10.0		84.3	76-136				
1,2,3-Trichloropropane	8.86		"	10.0		88.6	77-128				
1,2,4-Trichlorobenzene	8.64		"	10.0		86.4	76-137				
1,2,4-Trimethylbenzene	8.79		"	10.0		87.9	82-132				
1,2-Dibromo-3-chloropropane	8.59		"	10.0		85.9	45-147				
1,2-Dibromoethane	8.07		"	10.0		80.7	83-124	Low Bias			
1,2-Dichlorobenzene	8.67		"	10.0		86.7	79-123				
1,2-Dichloroethane	8.53		"	10.0		85.3	73-132				
1,2-Dichloropropane	8.42		"	10.0		84.2	78-126				
1,3,5-Trimethylbenzene	9.09		"	10.0		90.9	80-131				
1,3-Dichlorobenzene	8.77		"	10.0		87.7	86-122				
1,4-Dichlorobenzene	8.61		"	10.0		86.1	85-124				
1,4-Dioxane	224		"	210		107	10-349				
2-Butanone	8.11		"	10.0		81.1	49-152				
2-Hexanone	6.51		"	10.0		65.1	51-146				
4-Methyl-2-pentanone	7.63		"	10.0		76.3	57-145				
Acetone	15.0		"	10.0		150	14-150				
Acrolein	18.3		"	10.0		183	10-153	High Bias			
Acrylonitrile	10.4		"	10.0		104	51-150				
Benzene	9.00		"	10.0		90.0	85-126				
Bromochloromethane	8.39		"	10.0		83.9	77-128				
Bromodichloromethane	8.36		"	10.0		83.6	79-128				
Bromoform	8.44		"	10.0		84.4	78-133				
Bromomethane	6.26		"	10.0		62.6	43-168				
Carbon disulfide	8.01		"	10.0		80.1	68-146				
Carbon tetrachloride	8.77		"	10.0		87.7	77-141				
Chlorobenzene	8.88		"	10.0		88.8	88-120				
Chloroethane	8.30		"	10.0		83.0	65-136				
Chloroform	8.72		"	10.0		87.2	82-128				
Chloromethane	5.91		"	10.0		59.1	43-155				
cis-1,2-Dichloroethylene	8.39		"	10.0		83.9	83-129				
cis-1,3-Dichloropropylene	7.90		"	10.0		79.0	80-131	Low Bias			
Cyclohexane	8.14		"	10.0		81.4	63-149				
Dibromochloromethane	8.45		"	10.0		84.5	80-130				
Dibromomethane	7.99		"	10.0		79.9	72-134				
Dichlorodifluoromethane	4.44		"	10.0		44.4	44-144				
Ethyl Benzene	8.87		"	10.0		88.7	80-131				
Hexachlorobutadiene	8.89		"	10.0		88.9	67-146				
Isopropylbenzene	9.02		"	10.0		90.2	76-140				
Methyl acetate	7.00		"	10.0		70.0	51-139				
Methyl tert-butyl ether (MTBE)	7.95		"	10.0		79.5	76-135				
Methylcyclohexane	8.14		"	10.0		81.4	72-143				
Methylene chloride	9.32		"	10.0		93.2	55-137				
n-Butylbenzene	8.89		"	10.0		88.9	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41506 - EPA 5030B											
LCS (BI41506-BS1)								Prepared & Analyzed: 09/24/2024			
n-Propylbenzene	8.80		ug/L	10.0		88.0	78-133				
o-Xylene	8.62		"	10.0		86.2	78-130				
p- & m- Xylenes	17.7		"	20.0		88.3	77-133				
p-Isopropyltoluene	9.39		"	10.0		93.9	81-136				
sec-Butylbenzene	9.06		"	10.0		90.6	79-137				
Styrene	8.58		"	10.0		85.8	67-132				
tert-Butyl alcohol (TBA)	40.0		"	50.0		79.9	25-162				
tert-Butylbenzene	9.03		"	10.0		90.3	77-138				
Tetrachloroethylene	4.90		"	10.0		49.0	82-131	Low Bias			
Toluene	8.86		"	10.0		88.6	80-127				
trans-1,2-Dichloroethylene	8.41		"	10.0		84.1	80-132				
trans-1,3-Dichloropropylene	7.90		"	10.0		79.0	78-131				
Trichloroethylene	9.38		"	10.0		93.8	82-128				
Trichlorofluoromethane	8.60		"	10.0		86.0	67-139				
Vinyl Chloride	6.85		"	10.0		68.5	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.28*		*"*	*10.0*		*92.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.69*		*"*	*10.0*		*96.9*	*79-122*				
Batch BI41572 - EPA 5035A											
Blank (BI41572-BLK1)								Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41572 - EPA 5035A											
Blank (BI41572-BLK1)									Prepared & Analyzed: 09/25/2024		
Bromoform	ND	0.0050	mg/kg wet								
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	"								
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	0.020	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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.6*		*"*	*50.0*		*109*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41572 - EPA 5035A											
LCS (BI41572-BS1)								Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	48.7		ug/L	50.0		97.4	75-129				
1,1,1-Trichloroethane	45.2		"	50.0		90.4	71-137				
1,1,2,2-Tetrachloroethane	45.4		"	50.0		90.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.0		"	50.0		86.1	58-146				
1,1,2-Trichloroethane	47.4		"	50.0		94.9	83-123				
1,1-Dichloroethane	44.7		"	50.0		89.5	75-130				
1,1-Dichloroethylene	44.7		"	50.0		89.5	64-137				
1,2,3-Trichlorobenzene	41.7		"	50.0		83.5	81-140				
1,2,3-Trichloropropane	46.4		"	50.0		92.9	81-126				
1,2,4-Trichlorobenzene	40.1		"	50.0		80.1	80-141				
1,2,4-Trimethylbenzene	46.7		"	50.0		93.4	84-125				
1,2-Dibromo-3-chloropropane	46.4		"	50.0		92.9	74-142				
1,2-Dibromoethane	47.8		"	50.0		95.6	86-123				
1,2-Dichlorobenzene	45.0		"	50.0		89.9	85-122				
1,2-Dichloroethane	46.9		"	50.0		93.8	71-133				
1,2-Dichloropropane	49.7		"	50.0		99.4	81-122				
1,3,5-Trimethylbenzene	48.1		"	50.0		96.1	82-126				
1,3-Dichlorobenzene	44.4		"	50.0		88.9	84-124				
1,4-Dichlorobenzene	42.6		"	50.0		85.2	84-124				
1,4-Dioxane	1530		"	1050		146	10-228				
2-Butanone	40.4		"	50.0		80.9	58-147				
2-Hexanone	41.4		"	50.0		82.8	70-139				
4-Methyl-2-pentanone	48.8		"	50.0		97.7	72-132				
Acetone	82.3		"	50.0		165	36-155	High Bias			
Acrolein	54.2		"	125		43.3	10-238				
Acrylonitrile	46.9		"	50.0		93.7	66-141				
Benzene	48.1		"	50.0		96.2	77-127				
Bromochloromethane	48.1		"	50.0		96.2	74-129				
Bromodichloromethane	48.9		"	50.0		97.8	81-124				
Bromoform	43.3		"	50.0		86.5	80-136				
Bromomethane	40.6		"	50.0		81.3	32-177				
Carbon disulfide	42.0		"	50.0		84.1	10-136				
Carbon tetrachloride	47.8		"	50.0		95.7	66-143				
Chlorobenzene	46.7		"	50.0		93.4	86-120				
Chloroethane	43.5		"	50.0		87.0	51-142				
Chloroform	47.2		"	50.0		94.3	76-131				
Chloromethane	34.5		"	50.0		69.0	49-132				
cis-1,2-Dichloroethylene	46.3		"	50.0		92.7	74-132				
cis-1,3-Dichloropropylene	45.5		"	50.0		91.1	81-129				
Cyclohexane	47.3		"	50.0		94.6	70-130				
Dibromochloromethane	46.5		"	50.0		93.0	10-200				
Dibromomethane	46.4		"	50.0		92.9	83-124				
Dichlorodifluoromethane	19.8		"	50.0		39.6	28-158				
Ethyl Benzene	48.2		"	50.0		96.3	84-125				
Hexachlorobutadiene	39.5		"	50.0		79.0	83-133	Low Bias			
Isopropylbenzene	48.3		"	50.0		96.7	81-127				
Methyl acetate	43.1		"	50.0		86.3	41-143				
Methyl tert-butyl ether (MTBE)	44.8		"	50.0		89.6	74-131				
Methylcyclohexane	46.7		"	50.0		93.4	70-130				
Methylene chloride	89.2		"	50.0		178	57-141	High Bias			
n-Butylbenzene	45.5		"	50.0		91.0	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41572 - EPA 5035A											
LCS (BI41572-BS1)							Prepared & Analyzed: 09/25/2024				
n-Propylbenzene	47.2		ug/L	50.0		94.5	74-136				
o-Xylene	47.5		"	50.0		95.1	83-123				
p- & m- Xylenes	94.0		"	100		94.0	82-128				
p-Isopropyltoluene	45.2		"	50.0		90.4	85-125				
sec-Butylbenzene	47.5		"	50.0		95.1	83-125				
Styrene	48.8		"	50.0		97.6	86-126				
tert-Butyl alcohol (TBA)	215		"	250		86.0	70-130				
tert-Butylbenzene	46.9		"	50.0		93.7	80-127				
Tetrachloroethylene	44.8		"	50.0		89.5	80-129				
Toluene	48.0		"	50.0		96.0	85-121				
trans-1,2-Dichloroethylene	44.8		"	50.0		89.7	72-132				
trans-1,3-Dichloropropylene	45.1		"	50.0		90.2	78-132				
Trichloroethylene	52.4		"	50.0		105	84-123				
Trichlorofluoromethane	43.7		"	50.0		87.5	62-140				
Vinyl Chloride	39.5		"	50.0		79.0	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*99.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*76-130*				
LCS Dup (BI41572-BSD1)							Prepared & Analyzed: 09/25/2024				
1,1,1,2-Tetrachloroethane	56.9		ug/L	50.0		114	75-129		15.4	30	
1,1,1-Trichloroethane	55.5		"	50.0		111	71-137		20.4	30	
1,1,2,2-Tetrachloroethane	53.2		"	50.0		106	79-129		15.9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.4		"	50.0		109	58-146		23.4	30	
1,1,2-Trichloroethane	54.8		"	50.0		110	83-123		14.4	30	
1,1-Dichloroethane	54.3		"	50.0		109	75-130		19.3	30	
1,1-Dichloroethylene	57.5		"	50.0		115	64-137		24.9	30	
1,2,3-Trichlorobenzene	49.8		"	50.0		99.6	81-140		17.6	30	
1,2,3-Trichloropropane	54.3		"	50.0		109	81-126		15.6	30	
1,2,4-Trichlorobenzene	49.4		"	50.0		98.9	80-141		20.9	30	
1,2,4-Trimethylbenzene	55.1		"	50.0		110	84-125		16.4	30	
1,2-Dibromo-3-chloropropane	54.9		"	50.0		110	74-142		16.7	30	
1,2-Dibromoethane	56.0		"	50.0		112	86-123		15.7	30	
1,2-Dichlorobenzene	53.4		"	50.0		107	85-122		17.2	30	
1,2-Dichloroethane	57.0		"	50.0		114	71-133		19.4	30	
1,2-Dichloropropane	57.3		"	50.0		115	81-122		14.2	30	
1,3,5-Trimethylbenzene	56.3		"	50.0		113	82-126		15.8	30	
1,3-Dichlorobenzene	53.0		"	50.0		106	84-124		17.5	30	
1,4-Dichlorobenzene	50.8		"	50.0		102	84-124		17.6	30	
1,4-Dioxane	1840		"	1050		176	10-228		18.6	30	
2-Butanone	47.2		"	50.0		94.3	58-147		15.3	30	
2-Hexanone	48.3		"	50.0		96.7	70-139		15.4	30	
4-Methyl-2-pentanone	56.9		"	50.0		114	72-132		15.2	30	
Acetone	98.1		"	50.0		196	36-155	High Bias	17.5	30	
Acrolein	42.7		"	125		34.2	10-238		23.6	30	
Acrylonitrile	55.7		"	50.0		111	66-141		17.3	30	
Benzene	58.0		"	50.0		116	77-127		18.6	30	
Bromochloromethane	57.2		"	50.0		114	74-129		17.3	30	
Bromodichloromethane	57.5		"	50.0		115	81-124		16.2	30	
Bromoform	51.4		"	50.0		103	80-136		17.2	30	
Bromomethane	56.3		"	50.0		113	32-177		32.4	30	Non-dir.

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41572 - EPA 5035A											
LCS Dup (BI41572-BSD1)							Prepared & Analyzed: 09/25/2024				
Carbon disulfide	57.4		ug/L	50.0		115	10-136		31.0	30	Non-dir.
Carbon tetrachloride	58.3		"	50.0		117	66-143		19.7	30	
Chlorobenzene	54.9		"	50.0		110	86-120		16.2	30	
Chloroethane	57.4		"	50.0		115	51-142		27.7	30	
Chloroform	56.3		"	50.0		113	76-131		17.7	30	
Chloromethane	56.9		"	50.0		114	49-132		49.0	30	Non-dir.
cis-1,2-Dichloroethylene	55.7		"	50.0		111	74-132		18.4	30	
cis-1,3-Dichloropropylene	54.3		"	50.0		109	81-129		17.5	30	
Cyclohexane	57.5		"	50.0		115	70-130		19.4	30	
Dibromochloromethane	55.2		"	50.0		110	10-200		17.1	30	
Dibromomethane	55.0		"	50.0		110	83-124		16.9	30	
Dichlorodifluoromethane	53.7		"	50.0		107	28-158		92.2	30	Non-dir.
Ethyl Benzene	56.8		"	50.0		114	84-125		16.4	30	
Hexachlorobutadiene	47.7		"	50.0		95.4	83-133		18.8	30	
Isopropylbenzene	56.7		"	50.0		113	81-127		16.0	30	
Methyl acetate	51.5		"	50.0		103	41-143		17.7	30	
Methyl tert-butyl ether (MTBE)	52.1		"	50.0		104	74-131		15.1	30	
Methylcyclohexane	54.0		"	50.0		108	70-130		14.6	30	
Methylene chloride	97.0		"	50.0		194	57-141	High Bias	8.37	30	
n-Butylbenzene	54.1		"	50.0		108	80-130		17.2	30	
n-Propylbenzene	55.9		"	50.0		112	74-136		16.7	30	
o-Xylene	56.0		"	50.0		112	83-123		16.3	30	
p- & m- Xylenes	111		"	100		111	82-128		16.9	30	
p-Isopropyltoluene	53.8		"	50.0		108	85-125		17.3	30	
sec-Butylbenzene	55.8		"	50.0		112	83-125		15.9	30	
Styrene	57.4		"	50.0		115	86-126		16.1	30	
tert-Butyl alcohol (TBA)	246		"	250		98.5	70-130		13.6	30	
tert-Butylbenzene	54.8		"	50.0		110	80-127		15.7	30	
Tetrachloroethylene	51.8		"	50.0		104	80-129		14.5	30	
Toluene	56.6		"	50.0		113	85-121		16.4	30	
trans-1,2-Dichloroethylene	55.0		"	50.0		110	72-132		20.3	30	
trans-1,3-Dichloropropylene	53.8		"	50.0		108	78-132		17.6	30	
Trichloroethylene	57.4		"	50.0		115	84-123		9.03	30	
Trichlorofluoromethane	57.8		"	50.0		116	62-140		27.6	30	
Vinyl Chloride	58.5		"	50.0		117	52-130		38.7	30	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41202 - EPA 3510C											
Blank (BI41202-BLK1)									Prepared: 09/19/2024 Analyzed: 09/20/2024		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41202 - EPA 3510C											
Blank (BI41202-BLK1)											Prepared: 09/19/2024 Analyzed: 09/20/2024
Surrogate: SURR: 2-Fluorophenol	*20.8*		*ug/L*	*50.0*		*41.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.50*		*"*	*50.0*		*19.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*25.0*		*"*	*25.0*		*100*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.2*		*"*	*25.0*		*76.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*67.4*		*"*	*50.0*		*135*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.4*		*"*	*25.0*		*93.6*	*30.7-106*				
Blank (BI41202-BLK2)											Prepared: 09/19/2024 Analyzed: 09/20/2024
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41202 - EPA 3510C											
LCS (BI41202-BS1)								Prepared: 09/19/2024 Analyzed: 09/20/2024			
1,1-Biphenyl	17.2	5.00	ug/L	25.0		68.7	33-95				
1,2,4,5-Tetrachlorobenzene	17.7	5.00	"	25.0		70.8	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	25.3	5.00	"	25.0		101	16-141				
2,3,4,6-Tetrachlorophenol	15.5	5.00	"	25.0		61.9	30-130				
2,4,5-Trichlorophenol	19.0	5.00	"	25.0		76.1	32-114				
2,4,6-Trichlorophenol	21.7	5.00	"	25.0		86.8	35-118				
2,4-Dichlorophenol	20.9	5.00	"	25.0		83.6	25-116				
2,4-Dimethylphenol	18.7	5.00	"	25.0		74.6	15-116				
2,4-Dinitrophenol	14.9	5.00	"	25.0		59.7	10-170				
2,4-Dinitrotoluene	28.6	5.00	"	25.0		115	41-128				
2,6-Dinitrotoluene	26.6	5.00	"	25.0		106	45-116				
2-Chloronaphthalene	16.6	5.00	"	25.0		66.5	33-112				
2-Chlorophenol	16.2	5.00	"	25.0		64.9	15-120				
2-Methylnaphthalene	15.8	5.00	"	25.0		63.2	24-118				
2-Methylphenol	7.22	5.00	"	25.0		28.9	10-110				
2-Nitroaniline	23.4	5.00	"	25.0		93.5	34-129				
2-Nitrophenol	24.8	5.00	"	25.0		99.1	28-118				
3- & 4-Methylphenols	9.22	5.00	"	25.0		36.9	10-107				
3,3-Dichlorobenzidine	19.5	5.00	"	25.0		78.0	15-187				
3-Nitroaniline	16.5	5.00	"	25.0		65.9	24-134				
4,6-Dinitro-2-methylphenol	39.7	5.00	"	25.0		159	10-153	High Bias			
4-Bromophenyl phenyl ether	25.1	5.00	"	25.0		100	34-120				
4-Chloro-3-methylphenol	22.4	5.00	"	25.0		89.6	20-120				
4-Chloroaniline	14.7	5.00	"	25.0		58.8	10-147				
4-Chlorophenyl phenyl ether	20.5	5.00	"	25.0		81.9	27-121				
4-Nitroaniline	17.6	5.00	"	25.0		70.5	13-134				
4-Nitrophenol	31.2	5.00	"	25.0		125	10-131				
Acetophenone	19.7	5.00	"	25.0		78.7	25-110				
Aniline	20.5	5.00	"	25.0		81.9	10-117				
Benzaldehyde	21.0	5.00	"	25.0		84.0	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	11.7	5.00	"	25.0		46.9	10-117				
Benzyl butyl phthalate	19.0	5.00	"	25.0		75.8	29-133				
Bis(2-chloroethoxy)methane	22.8	5.00	"	25.0		91.2	10-154				
Bis(2-chloroethyl)ether	29.5	5.00	"	25.0		118	17-125				
Bis(2-chloroisopropyl)ether	21.3	5.00	"	25.0		85.4	10-139				
Caprolactam	4.61	5.00	"	25.0		18.4	10-137				
Carbazole	21.1	5.00	"	25.0		84.6	42-126				
Dibenzofuran	18.6	5.00	"	25.0		74.6	36-113				
Diethyl phthalate	21.0	5.00	"	25.0		83.9	38-115				
Dimethyl phthalate	21.2	5.00	"	25.0		84.7	38-129				
Di-n-butyl phthalate	22.2	5.00	"	25.0		88.9	31-120				
Di-n-octyl phthalate	20.0	5.00	"	25.0		80.2	21-149				
Diphenylamine	24.5	5.00	"	25.0		97.8	40-140				
Hexachlorocyclopentadiene	10.9	10.0	"	25.0		43.5	10-130				
Isophorone	23.2	5.00	"	25.0		92.8	25-127				
N-nitroso-di-n-propylamine	20.1	5.00	"	25.0		80.3	26-122				
N-Nitrosodiphenylamine	24.4	5.00	"	25.0		97.8	23-149				
Phenol	0.990	5.00	"	25.0		3.96	10-110	Low Bias			
Pyridine	3.06	5.00	"	35.0		8.74	10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*20.3*		*"*	*50.0*		*40.6*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41202 - EPA 3510C											
LCS (BI41202-BS1)								Prepared: 09/19/2024 Analyzed: 09/20/2024			
Surrogate: SURR: Phenol-d6	*11.2*		*ug/L*	*50.0*		*22.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*23.7*		*"*	*25.0*		*94.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.8*		*"*	*25.0*		*79.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*75.0*		*"*	*50.0*		*150*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*24.0*		*"*	*25.0*		*96.1*	*30.7-106*				
LCS (BI41202-BS2)								Prepared: 09/19/2024 Analyzed: 09/20/2024			
Acenaphthene	0.810	0.0500	ug/L	1.00		81.0	25-116				
Acenaphthylene	0.900	0.0500	"	1.00		90.0	26-116				
Anthracene	0.790	0.0500	"	1.00		79.0	25-123				
Benzo(a)anthracene	0.890	0.0500	"	1.00		89.0	33-125				
Benzo(a)pyrene	0.880	0.0500	"	1.00		88.0	32-132				
Benzo(b)fluoranthene	0.920	0.0500	"	1.00		92.0	22-137				
Benzo(g,h,i)perylene	1.00	0.0500	"	1.00		100	10-138				
Benzo(k)fluoranthene	0.930	0.0500	"	1.00		93.0	20-137				
Bis(2-ethylhexyl)phthalate	0.980	0.500	"	1.00		98.0	10-189				
Chrysene	0.860	0.0500	"	1.00		86.0	32-124				
Dibenzo(a,h)anthracene	0.940	0.0500	"	1.00		94.0	16-133				
Fluoranthene	0.940	0.0500	"	1.00		94.0	32-121				
Fluorene	0.930	0.0500	"	1.00		93.0	28-118				
Hexachlorobenzene	0.100	0.0200	"	1.00		10.0	23-124	Low Bias			
Hexachlorobutadiene	0.710	0.500	"	1.00		71.0	15-123				
Hexachloroethane	0.540	0.500	"	1.00		54.0	18-115				
Indeno(1,2,3-cd)pyrene	0.970	0.0500	"	1.00		97.0	15-135				
Naphthalene	0.910	0.0500	"	1.00		91.0	18-120				
Nitrobenzene	0.650	0.250	"	1.00		65.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.640	0.250	"	1.00		64.0	10-156				
Phenanthrene	0.910	0.0500	"	1.00		91.0	24-127				
Pyrene	0.770	0.0500	"	1.00		77.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41419 - EPA 3550C											
Blank (BI41419-BLK1)											
Prepared: 09/23/2024 Analyzed: 09/24/2024											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41419 - EPA 3550C											
Blank (BI41419-BLK1)											Prepared: 09/23/2024 Analyzed: 09/24/2024
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
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	*1.77*		"	*1.66*		*107*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.59*		"	*1.66*		*95.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.956*		"	*0.831*		*115*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.874*		"	*0.831*		*105*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.60*		"	*1.66*		*96.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.960*		"	*0.831*		*116*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41419 - EPA 3550C											
LCS (BI41419-BS1)									Prepared: 09/23/2024 Analyzed: 09/24/2024		
1,1-Biphenyl	0.771	0.0416	mg/kg wet	0.831		92.9	18-111				
1,2,4,5-Tetrachlorobenzene	0.732	0.0830	"	0.831		88.1	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.640	0.0416	"	1.25		51.4	17-137				
2,3,4,6-Tetrachlorophenol	1.04	0.0830	"	1.25		83.8	30-130				
2,4,5-Trichlorophenol	0.786	0.0416	"	1.25		63.1	27-118				
2,4,6-Trichlorophenol	0.798	0.0416	"	1.25		64.1	31-120				
2,4-Dichlorophenol	0.757	0.0416	"	1.25		60.8	20-127				
2,4-Dimethylphenol	0.753	0.0416	"	1.25		60.4	14-132				
2,4-Dinitrophenol	1.35	0.0830	"	1.25		108	10-171				
2,4-Dinitrotoluene	0.847	0.0416	"	1.25		68.0	34-131				
2,6-Dinitrotoluene	0.829	0.0416	"	1.25		66.5	31-128				
2-Chloronaphthalene	0.734	0.0416	"	1.25		58.9	31-117				
2-Chlorophenol	0.739	0.0416	"	1.25		59.3	33-113				
2-Methylnaphthalene	0.705	0.0416	"	1.25		56.6	12-138				
2-Methylphenol	0.742	0.0416	"	1.25		59.5	10-136				
2-Nitroaniline	0.826	0.0830	"	1.25		66.3	27-132				
2-Nitrophenol	0.829	0.0416	"	1.25		66.5	17-129				
3- & 4-Methylphenols	0.676	0.0416	"	1.25		54.3	29-103				
3,3-Dichlorobenzidine	0.707	0.0416	"	0.831		85.2	22-149				
3-Nitroaniline	0.650	0.0830	"	1.25		52.1	20-133				
4,6-Dinitro-2-methylphenol	1.04	0.0830	"	1.25		83.4	10-143				
4-Bromophenyl phenyl ether	0.584	0.0416	"	1.25		46.9	29-120				
4-Chloro-3-methylphenol	0.797	0.0416	"	1.25		64.0	24-129				
4-Chloroaniline	0.589	0.0416	"	1.25		47.3	10-132				
4-Chlorophenyl phenyl ether	0.740	0.0416	"	1.25		59.4	27-124				
4-Nitroaniline	0.716	0.0830	"	1.25		57.5	16-128				
4-Nitrophenol	1.02	0.0830	"	1.25		81.8	10-141				
Acenaphthene	0.734	0.0416	"	1.25		58.9	30-121				
Acenaphthylene	0.754	0.0416	"	1.25		60.6	30-115				
Acetophenone	0.811	0.0416	"	0.831		97.6	20-112				
Aniline	0.756	0.166	"	1.25		60.7	10-119				
Anthracene	0.780	0.0416	"	1.25		62.6	34-118				
Atrazine	0.722	0.0416	"	0.831		86.9	26-112				
Benzaldehyde	0.657	0.0416	"	0.831		79.2	21-100				
Benzo(a)anthracene	0.852	0.0416	"	1.25		68.4	32-122				
Benzo(a)pyrene	0.812	0.0416	"	1.25		65.1	29-133				
Benzo(b)fluoranthene	0.816	0.0416	"	1.25		65.5	25-133				
Benzo(g,h,i)perylene	0.811	0.0416	"	1.25		65.1	10-143				
Benzo(k)fluoranthene	0.800	0.0416	"	1.25		64.2	25-128				
Benzoic acid	0.781	0.0416	"	0.831		94.0	10-140				
Benzyl alcohol	0.738	0.0416	"	1.25		59.2	30-115				
Benzyl butyl phthalate	0.927	0.0416	"	1.25		74.4	26-126				
Bis(2-chloroethoxy)methane	0.703	0.0416	"	1.25		56.4	19-132				
Bis(2-chloroethyl)ether	0.672	0.0416	"	1.25		53.9	19-125				
Bis(2-chloroisopropyl)ether	0.750	0.0416	"	1.25		60.2	20-135				
Bis(2-ethylhexyl)phthalate	0.945	0.0416	"	1.25		75.8	10-155				
Caprolactam	0.836	0.0830	"	0.831		101	10-127				
Carbazole	0.783	0.0416	"	1.25		62.9	35-123				
Chrysene	0.809	0.0416	"	1.25		64.9	32-123				
Dibenzo(a,h)anthracene	0.842	0.0416	"	1.25		67.6	10-136				
Dibenzofuran	0.759	0.0416	"	1.25		60.9	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41419 - EPA 3550C											
LCS (BI41419-BS1)											
Prepared: 09/23/2024 Analyzed: 09/24/2024											
Diethyl phthalate	0.804	0.0416	mg/kg wet	1.25		64.6	34-116				
Dimethyl phthalate	0.775	0.0416	"	1.25		62.2	35-124				
Di-n-butyl phthalate	0.873	0.0416	"	1.25		70.1	31-116				
Di-n-octyl phthalate	1.03	0.0416	"	1.25		82.8	26-136				
Diphenylamine	0.723	0.0830	"	1.25		58.0	40-140				
Fluoranthene	0.824	0.0416	"	1.25		66.1	33-122				
Fluorene	0.768	0.0416	"	1.25		61.6	29-123				
Hexachlorobenzene	0.679	0.0416	"	1.25		54.5	21-124				
Hexachlorobutadiene	0.721	0.0416	"	1.25		57.9	10-149				
Hexachlorocyclopentadiene	0.671	0.0416	"	1.25		53.8	10-129				
Hexachloroethane	0.733	0.0416	"	1.25		58.8	28-108				
Indeno(1,2,3-cd)pyrene	0.953	0.0416	"	1.25		76.5	10-135				
Isophorone	0.740	0.0416	"	1.25		59.4	20-132				
Naphthalene	0.742	0.0416	"	1.25		59.5	23-124				
Nitrobenzene	0.796	0.0416	"	1.25		63.9	13-132				
N-Nitrosodimethylamine	0.840	0.0416	"	1.25		67.4	11-129				
N-nitroso-di-n-propylamine	0.707	0.0416	"	1.25		56.7	24-119				
N-Nitrosodiphenylamine	0.719	0.0416	"	1.25		57.7	22-152				
Pentachlorophenol	0.737	0.0416	"	1.25		59.1	10-139				
Phenanthrene	0.786	0.0416	"	1.25		63.1	33-123				
Phenol	0.749	0.0416	"	1.25		60.1	23-115				
Pyrene	0.834	0.0416	"	1.25		66.9	24-130				
Pyridine	0.718	0.166	"	1.25		57.7	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.63*		"	*1.66*		*98.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.49*		"	*1.66*		*89.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.881*		"	*0.831*		*106*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.791*		"	*0.831*		*95.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.55*		"	*1.66*		*93.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.906*		"	*0.831*		*109*	*24-116*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41344 - EPA 3050B											
Blank (BI41344-BLK1)											Prepared: 09/22/2024 Analyzed: 09/24/2024
Antimony	ND	1.74	mg/kg wet								
Arsenic	ND	1.04	"								
Beryllium	0.049	0.035	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Copper	ND	1.39	"								
Lead	0.400	0.348	"								
Nickel	ND	0.692	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Thallium	ND	1.74	"								
Zinc	ND	1.73	"								
Reference (BI41344-SRM1)											Prepared: 09/22/2024 Analyzed: 09/24/2024
Antimony	58.7	1.74	mg/kg wet	244		24.0	0-99.5				
Arsenic	216	1.04	"	283		76.4	69.9-101.4				
Beryllium	136	0.035	"	175		77.9	75.4-107.4				
Cadmium	74.8	0.208	"	95.8		78.1	72.3-103.7				
Chromium	189	0.348	"	239		79.3	72.4-106.3				
Copper	192	1.39	"	217		88.3	74.7-105.1				
Lead	172	0.348	"	210		82.0	75.7-109.5				
Nickel	267	0.692	"	329		81.3	74.5-106.7				
Selenium	245	1.74	"	281		87.1	77.6-116.7				
Silver	66.8	0.350	"	82.7		80.8	73.7-111.7				
Thallium	91.6	1.74	"	123		74.4	70.2-104.8				
Zinc	206	1.73	"	260		79.1	72.7-109.2				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41287 - EPA 3015A											
Blank (BI41287-BLK1)											Prepared: 09/20/2024 Analyzed: 09/23/2024
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Chromium	ND	1.11	"								
Copper	ND	1.11	"								
Lead	ND	1.11	"								
Nickel	ND	1.11	"								
Selenium	ND	1.11	"								
Silver	ND	1.11	"								
Thallium	ND	1.11	"								
Zinc	ND	1.11	"								
LCS (BI41287-BS1)											Prepared: 09/20/2024 Analyzed: 09/23/2024
Antimony	52.0		ug/L	50.0		104	80-120				
Arsenic	52.4		"	50.0		105	80-120				
Beryllium	50.5		"	50.0		101	80-120				
Cadmium	49.7		"	50.0		99.4	80-120				
Chromium	50.0		"	50.0		99.9	80-120				
Copper	49.7		"	50.0		99.5	80-120				
Lead	51.6		"	50.0		103	80-120				
Nickel	49.4		"	50.0		98.8	80-120				
Selenium	58.8		"	50.0		118	80-120				
Silver	54.5		"	50.0		109	80-120				
Thallium	49.2		"	50.0		98.3	80-120				
Zinc	59.6		"	50.0		119	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41333 - EPA 7473 soil											
Blank (BI41333-BLK1)								Prepared: 09/21/2024 Analyzed: 09/24/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BI41333-DUP1)	*Source sample: 24I0889-01 (SB-44 (22-25))							Prepared: 09/21/2024 Analyzed: 09/24/2024			
Mercury	ND	0.0335	mg/kg dry		ND					35	
Matrix Spike (BI41333-MS1)	*Source sample: 24I0889-01 (SB-44 (22-25))							Prepared: 09/21/2024 Analyzed: 09/24/2024			
Mercury	0.488		mg/kg	0.500	0.0207	93.5	75-125				
Reference (BI41333-SRM1)								Prepared: 09/21/2024 Analyzed: 09/24/2024			
Mercury	19.118		mg/kg	18.2		105	59.9-140.1				
Batch BI41387 - EPA SW846-7470A											
Blank (BI41387-BLK1)								Prepared & Analyzed: 09/23/2024			
Mercury	ND	0.0002	mg/L								
Blank (BI41387-BLK2)								Prepared & Analyzed: 09/23/2024			
Mercury	ND	0.0002	mg/L								
LCS (BI41387-BS1)								Prepared & Analyzed: 09/23/2024			
Mercury	0.0021690	0.0002	mg/L	0.00200		108	80-120				
LCS (BI41387-BS2)								Prepared & Analyzed: 09/23/2024			
Mercury	0.0020779	0.0002	mg/L	0.00200		104	80-120				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41000 - % Solids Prep											
Duplicate (BI41000-DUP1)	*Source sample: 24I0889-03 (SB-41 (5-9))								Prepared & Analyzed: 09/17/2024		
% Solids	87.8	0.100	%		86.1				1.98	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I0889-01	SB-44 (22-25)	2 oz. WM Clear Glass Cool to 4° C
24I0889-02	SB-40 (22-24)	2 oz. WM Clear Glass Cool to 4° C
24I0889-03	SB-41 (5-9)	2 oz. WM Clear Glass Cool to 4° C
24I0889-04	SB-43 (13-15)	8 oz. WM Clear Glass Cool to 4° C
24I0889-05	RB_9.13.24	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
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.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24I0889

Page 1 of 1

Report To:	Invoice To:
Company: HRP Associates, Inc.	Company:
Address: 1 Fairchild Sq, Suite 110 Clifton Park NY 12065	Address:
Phone: 518 877 7101	Phone:
Contact: Elliott Jackson	Contact: Cassy George
E-mail: elliott.jackson@hrpassociates.com	E-mail: Cassy.George@hrpassociates.com

YOUR Project Name / Number: Remington Arms / MER1510.02

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

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

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

Elliott Jackson / Elliott Jackson

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)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs	TCL SVOCs	PPM Metals	Grab or Comp. G/C
SB-44 (22-25)	9/13/24	905	S	2										X	X	X	G
SB-40 (22-24)	↓	945	S	2										X	X	X	G
SB-41 (5-9)	↓	1045	S	2										X	X	X	G
SB-43 (13-15)	↓	1200	S	2										X	X	X	G
DUP-9.13.24	↓	1600	S	2	3		1							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) NYSDEC Part 375 SCOs

Field Filtered [ ]

Lab Filtered [ ]

Comments: Send COA to Ted.Wilk@hrpassociates.com

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

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[signature]	9/16/24 0930	1. Chris C	9-16-24 9:30	2. Chris C	9-16-24 15:20
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
				NCC	9/16/24 15:20 2.1 Degrees C

Technical Report

prepared for:

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

Report Date: 09/25/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I0791

Report Date: 09/25/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I0791

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 13, 2024 and listed below. The project was identified as your project: **Remington Arms/HER1510.P2**.

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
24I0791-01	SB-35 (1-4)	Soil	09/12/2024	09/13/2024
24I0791-02	SB-DUP-4	Soil	09/12/2024	09/13/2024
24I0791-03	SB-16 (21-24)	Soil	09/12/2024	09/13/2024
24I0791-04	SB-12 (10-12)	Soil	09/12/2024	09/13/2024
24I0791-05	SB-15 (20-23)	Soil	09/12/2024	09/13/2024
24I0791-06	SB-DUP-3	Soil	09/12/2024	09/13/2024
24I0791-07	SB-13 (2-4)	Soil	09/12/2024	09/13/2024
24I0791-08	SB-36 (3-5)	Soil	09/12/2024	09/13/2024
24I0791-09	RB_9.12.24	Water	09/12/2024	09/13/2024

General Notes for York Project (SDG) No.: 24I0791

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

Approved By: 

Date: 09/25/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB-35 (1-4) **York Sample ID:** 24I0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 10:15 am	09/13/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								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	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-35 (1-4) **York Sample ID:** 24I0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 10:15 am	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.014**	QL-02	mg/kg dry	0.0052	0.010	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-35 (1-4) **York Sample ID:** 24I0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 10:15 am	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.012**	CCVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-35 (1-4) **York Sample ID:** 24I0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 10:15 am	09/13/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0026	0.0052	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	09/22/2024 08:00	09/22/2024 22:50	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

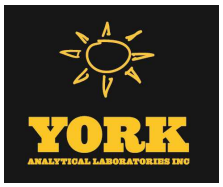
Client Sample ID: SB-35 (1-4) **York Sample ID:** 24I0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 10:15 am	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0783**	J	mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.181**		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		



Sample Information

Client Sample ID: **SB-35 (1-4)** **York Sample ID:** **24I0791-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 10:15 am	09/13/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
50-32-8	**Benzo(a)pyrene**	**0.152**		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.136**		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.117**		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.140**		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.189**		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.426**		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-35 (1-4) **York Sample ID:** 24I0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 10:15 am	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.117**		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.373**		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.418**		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*47.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*48.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*50.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.8 %*	*24-116*

Sample Information

Client Sample ID: SB-35 (1-4) **York Sample ID:** 24I0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 10:15 am	09/13/2024

HERB, 8151 MASTER

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0211	1	EPA 8151A	09/16/2024 08:42	09/16/2024 22:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0211	1	EPA 8151A	09/16/2024 08:42	09/16/2024 22:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0211	1	EPA 8151A	09/16/2024 08:42	09/16/2024 22:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*78.4 %*	*21-150*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.84	1	EPA 6010D	09/15/2024 08:45	09/17/2024 10:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.86**		mg/kg dry	1.11	1	EPA 6010D	09/15/2024 08:45	09/17/2024 10:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.124**		mg/kg dry	0.037	1	EPA 6010D	09/15/2024 08:45	09/17/2024 10:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.221	1	EPA 6010D	09/15/2024 08:45	09/17/2024 10:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**6.22**		mg/kg dry	0.369	1	EPA 6010D	09/15/2024 08:45	09/17/2024 10:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**23.3**		mg/kg dry	1.48	1	EPA 6010D	09/15/2024 08:45	09/17/2024 10:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**5.86**		mg/kg dry	0.369	1	EPA 6010D	09/15/2024 08:45	09/17/2024 10:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.7**		mg/kg dry	0.735	1	EPA 6010D	09/15/2024 08:45	09/17/2024 10:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.84	1	EPA 6010D	09/15/2024 08:45	09/17/2024 10:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.372	1	EPA 6010D	09/15/2024 08:45	09/17/2024 10:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.84	1	EPA 6010D	09/15/2024 08:45	09/17/2024 10:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**29.7**		mg/kg dry	1.84	1	EPA 6010D	09/15/2024 08:45	09/17/2024 10:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Information

Client Sample ID: SB-35 (1-4) **York Sample ID:** 24I0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 10:15 am	09/13/2024

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	09/19/2024 10:37	09/19/2024 14:56	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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	09/17/2024 07:25	09/17/2024 12:43	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-DUP-4** **York Sample ID:** **24I0791-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								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	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **SB-DUP-4** **York Sample ID:** **24I0791-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0084**	J	mg/kg dry	0.0053	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-DUP-4 **York Sample ID:** 24I0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.010**	J	mg/kg dry	0.0053	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-DUP-4 **York Sample ID:** 24I0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0026	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	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 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	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 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-DUP-4 **York Sample ID:** 24I0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	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 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	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 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	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 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	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 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-DUP-4 **York Sample ID:** 24I0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-DUP-4 **York Sample ID:** 24I0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	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	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	09/19/2024 08:37	09/20/2024 18:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*67.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*89.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*62.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.4 %*	*24-116*

Sample Information

Client Sample ID: SB-DUP-4 **York Sample ID:** 24I0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

HERB, 8151 MASTER

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0215	1	EPA 8151A	09/16/2024 08:42	09/16/2024 22:46	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0215	1	EPA 8151A	09/16/2024 08:42	09/16/2024 22:46	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0215	1	EPA 8151A	09/16/2024 08:42	09/16/2024 22:46	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*47.6 %*	*21-150*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.88	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**10.6**		mg/kg dry	1.13	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.360**		mg/kg dry	0.038	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.234**		mg/kg dry	0.225	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.4**		mg/kg dry	0.375	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**49.8**		mg/kg dry	1.50	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**67.5**		mg/kg dry	0.375	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**32.7**		mg/kg dry	0.747	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.88	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.378	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.88	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**102**		mg/kg dry	1.87	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Information

Client Sample ID: SB-DUP-4 **York Sample ID:** 24I0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

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	0.0324	1	EPA 7473	09/18/2024 13:23	09/19/2024 12:43	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**92.6**		%	0.100	1	SM 2540G	09/16/2024 07:43	09/16/2024 12:28	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-16 (21-24)** **York Sample ID:** **24I0791-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 11:15 am	09/13/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								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	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-16 (21-24) **York Sample ID:** 24I0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 11:15 am	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.025**	ICVE, QL-02	mg/kg dry	0.0059	0.012	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**0.030**		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-16 (21-24) **York Sample ID:** 24I0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 11:15 am	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**0.058**		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**0.25**		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.025**	CAL-E, B	mg/kg dry	0.0059	0.012	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.21**		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**0.11**		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.17**		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**0.025**		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-16 (21-24) **York Sample ID:** 24I0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 11:15 am	09/13/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0029	0.0059	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C	09/23/2024 10:13	09/23/2024 20:41	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*52.0 %*	S-03, S-08	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**0.0964**		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

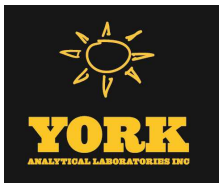
Client Sample ID: SB-16 (21-24) **York Sample ID:** 24I0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 11:15 am	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.192	0.383	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.192	0.383	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		



Sample Information

Client Sample ID: SB-16 (21-24) **York Sample ID:** 24I0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 11:15 am	09/13/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-16 (21-24) **York Sample ID:** 24I0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 11:15 am	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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**	**0.0650**	J	mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.192	0.383	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*60.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*67.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.9 %*	*24-116*

Sample Information

Client Sample ID: SB-16 (21-24) **York Sample ID:** 24I0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 11:15 am	09/13/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	0.0193	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:12	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:12	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:12	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:12	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:12	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:12	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:12	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:12	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.0 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	2.02	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**17.9**		mg/kg dry	1.21	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.213**		mg/kg dry	0.041	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.242	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.8**		mg/kg dry	0.404	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**44.9**		mg/kg dry	1.62	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**8.22**		mg/kg dry	0.404	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**17.2**		mg/kg dry	0.805	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.02	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-16 (21-24) **York Sample ID:** 24I0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 11:15 am	09/13/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.407	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.02	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**77.5**		mg/kg dry	2.01	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0349	1	EPA 7473	09/18/2024 13:23	09/19/2024 12:43	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**86.0**		%	0.100	1	SM 2540G	09/16/2024 07:43	09/16/2024 12:28	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-12 (10-12)** **York Sample ID:** **24I0791-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 8:45 am	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								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	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.070	0.14	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-12 (10-12) **York Sample ID:** 24I0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 8:45 am	09/13/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.068**	ICVE, QL-02	mg/kg dry	0.0070	0.014	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-12 (10-12) **York Sample ID:** 24I0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 8:45 am	09/13/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**0.32**	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.026**	CAL-E, B	mg/kg dry	0.0070	0.014	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**0.28**	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-12 (10-12) **York Sample ID:** 24I0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 8:45 am	09/13/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0035	0.0070	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.021	1	EPA 8260C	09/24/2024 10:24	09/24/2024 15:08	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*153 %*	IS-LO, S-03, S-08	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**0.118**		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-12 (10-12) **York Sample ID:** 24I0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 8:45 am	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.209	0.418	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.209	0.418	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-12 (10-12) **York Sample ID:** 24I0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 8:45 am	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.161**		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.0700**	J	mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-12 (10-12) **York Sample ID:** 24I0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 8:45 am	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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**	**0.0650**	J	mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.301**		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.246**		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0892**	J	mg/kg dry	0.0523	0.104	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.209	0.418	2	EPA 8270D	09/19/2024 08:37	09/20/2024 19:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*9.04 %*	S-08	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*20.2 %*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.7 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.8 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*4.72 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.0 %*		*24-116*

Sample Information

Client Sample ID: SB-12 (10-12) **York Sample ID:** 24I0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 8:45 am	09/13/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	0.0210	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:25	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0210	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:25	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0210	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:25	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0210	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:25	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0210	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:25	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0210	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:25	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0210	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:25	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0210	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:25	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.5 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	2.20	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.27**		mg/kg dry	1.32	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.359**		mg/kg dry	0.044	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.264	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.0**		mg/kg dry	0.440	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**16.5**		mg/kg dry	1.76	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**10.8**		mg/kg dry	0.440	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.9**		mg/kg dry	0.877	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.20	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-12 (10-12) **York Sample ID:** 24I0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 8:45 am	09/13/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.444	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.20	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**143**		mg/kg dry	2.19	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.0635**		mg/kg dry	0.0380	1	EPA 7473	09/18/2024 13:23	09/19/2024 12:43	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**78.9**		%	0.100	1	SM 2540G	09/16/2024 08:10	09/16/2024 12:42	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-15 (20-23)** **York Sample ID:** **24I0791-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 9:45 am	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								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	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-15 (20-23) **York Sample ID:** 24I0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 9:45 am	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.016**	QL-02	mg/kg dry	0.0053	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-15 (20-23) **York Sample ID:** 24I0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 9:45 am	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**0.062**		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**0.025**		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0078**	J	mg/kg dry	0.0053	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.13**		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**0.12**		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.068**		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**0.0069**		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-15 (20-23) **York Sample ID:** 24I0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 9:45 am	09/13/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0027	0.0053	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*146 %*	S-04, S-08	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**2.53**		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

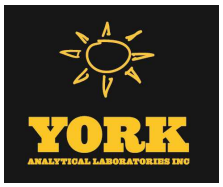
Client Sample ID: SB-15 (20-23) **York Sample ID:** 24I0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 9:45 am	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.393**		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.224**		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.257**		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		



Sample Information

Client Sample ID: **SB-15 (20-23)** **York Sample ID:** **24I0791-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 9:45 am	09/13/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0577**	J	mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.540**		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.0443**	J	mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-15 (20-23) **York Sample ID:** 24I0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 9:45 am	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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**	**0.839**		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.195**		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.08**		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.210**		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	09/19/2024 08:37	09/20/2024 20:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*58.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*96.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*87.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.6 %*	*24-116*

Sample Information

Client Sample ID: SB-15 (20-23) **York Sample ID:** 24I0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 9:45 am	09/13/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	09/18/2024 09:09	09/19/2024 14:38	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:38	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:38	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:38	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:38	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:38	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:38	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:38	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.0 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.86	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**15.7**		mg/kg dry	1.12	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.107**		mg/kg dry	0.038	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.223	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.1**		mg/kg dry	0.373	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**31.4**		mg/kg dry	1.49	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**6.88**		mg/kg dry	0.373	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.5**		mg/kg dry	0.742	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.86	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-15 (20-23) **York Sample ID:** 24I0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 9:45 am	09/13/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.375	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.86	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**56.8**		mg/kg dry	1.85	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0322	1	EPA 7473	09/18/2024 13:23	09/19/2024 12:43	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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	09/16/2024 08:10	09/16/2024 12:42	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-DUP-3** **York Sample ID:** **24I0791-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								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	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **SB-DUP-3** **York Sample ID:** **24I0791-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.024**	QL-02	mg/kg dry	0.0054	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**0.0033**	J	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **SB-DUP-3** **York Sample ID:** **24I0791-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**0.16**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**0.041**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0094**	J	mg/kg dry	0.0054	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.21**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**0.28**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.18**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**0.019**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **SB-DUP-3** **York Sample ID:** **24I0791-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*171 %*	S-04, S-08	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0901	0.180	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**5.13**		mg/kg dry	0.113	0.225	5	EPA 8270D	09/19/2024 08:25	09/23/2024 11:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

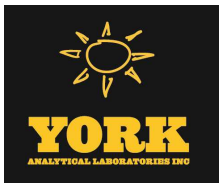
Client Sample ID: SB-DUP-3 **York Sample ID:** 24I0791-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0901	0.180	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND	CCVE	mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.417**		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.359**		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0497**	J	mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		



Sample Information

Client Sample ID: **SB-DUP-3** **York Sample ID:** **24I0791-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0936**		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.0576**	J	mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **SB-DUP-3** **York Sample ID:** **24I0791-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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**	**1.00**		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.15**		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.245**		mg/kg dry	0.0451	0.0901	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	09/19/2024 08:25	09/20/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*77.2 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*75.6 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*117 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*103 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*100 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.4 %*		*24-116*

Sample Information

Client Sample ID: SB-DUP-3 **York Sample ID:** 24I0791-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	09/18/2024 09:09	09/19/2024 14:51	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:51	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:51	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:51	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:51	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:51	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:51	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	09/18/2024 09:09	09/19/2024 14:51	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.89	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**10.3**		mg/kg dry	1.14	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.164**		mg/kg dry	0.038	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.227	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**11.2**		mg/kg dry	0.379	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**23.8**		mg/kg dry	1.52	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**9.54**		mg/kg dry	0.379	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.1**		mg/kg dry	0.754	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.89	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-DUP-3 **York Sample ID:** 24I0791-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:01 am	09/13/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.382	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.89	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**53.1**		mg/kg dry	1.89	1	EPA 6010D	09/16/2024 14:41	09/18/2024 12:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	09/18/2024 13:23	09/19/2024 12:43	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**91.7**		%	0.100	1	SM 2540G	09/16/2024 08:10	09/16/2024 12:42	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-13 (2-4)** **York Sample ID:** **24I0791-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:00 pm	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								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	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-13 (2-4) **York Sample ID:** 24I0791-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:00 pm	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-13 (2-4) **York Sample ID:** 24I0791-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:00 pm	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.012**	CCVE	mg/kg dry	0.0059	0.012	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-13 (2-4) **York Sample ID:** 24I0791-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:00 pm	09/13/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0030	0.0059	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260C	09/22/2024 08:00	09/23/2024 00:34	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

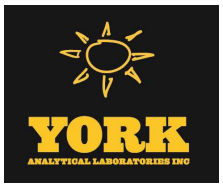
	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0949	0.190	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		



Sample Information

Client Sample ID: SB-13 (2-4) **York Sample ID:** 24I0791-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:00 pm	09/13/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0949	0.190	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.0804**	J	mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.0880**	J	mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.372**		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**1.39**		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-13 (2-4) **York Sample ID:** 24I0791-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:00 pm	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	**Benzo(a)pyrene**	**1.45**		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**1.40**		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.922**		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**1.06**		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.178**		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**1.35**		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.307**		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**2.70**		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-13 (2-4) **York Sample ID:** 24I0791-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:00 pm	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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**	**0.0903**	J	mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.05**	ICVE	mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.47**		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**2.06**		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*69.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*84.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*60.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.6 %*	*24-116*

Sample Information

Client Sample ID: SB-13 (2-4) **York Sample ID:** 24I0791-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:00 pm	09/13/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	0.0195	1	EPA 8082A	09/18/2024 09:09	09/19/2024 15:04	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A	09/18/2024 09:09	09/19/2024 15:04	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A	09/18/2024 09:09	09/19/2024 15:04	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A	09/18/2024 09:09	09/19/2024 15:04	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A	09/18/2024 09:09	09/19/2024 15:04	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A	09/18/2024 09:09	09/19/2024 15:04	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A	09/18/2024 09:09	09/19/2024 15:04	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A	09/18/2024 09:09	09/19/2024 15:04	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.0 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	2.03	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.38**		mg/kg dry	1.22	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.449**		mg/kg dry	0.041	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.440**		mg/kg dry	0.244	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**17.1**		mg/kg dry	0.407	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**84.8**		mg/kg dry	1.63	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**469**		mg/kg dry	0.407	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**26.7**		mg/kg dry	0.811	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.03	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-13 (2-4) **York Sample ID:** 24I0791-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:00 pm	09/13/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.410	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.03	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**324**		mg/kg dry	2.03	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.575**		mg/kg dry	0.0352	1	EPA 7473	09/18/2024 13:23	09/19/2024 12:43	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.3**		%	0.100	1	SM 2540G	09/16/2024 08:10	09/16/2024 12:42	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-36 (3-5)** **York Sample ID:** **24I0791-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:45 pm	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								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	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-36 (3-5) **York Sample ID:** 24I0791-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:45 pm	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-36 (3-5) **York Sample ID:** 24I0791-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:45 pm	09/13/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.014**	CCVE	mg/kg dry	0.0054	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-36 (3-5) **York Sample ID:** 24I0791-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:45 pm	09/13/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0027	0.0054	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C	09/22/2024 08:00	09/23/2024 01:00	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0911	0.182	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-36 (3-5) **York Sample ID:** 24I0791-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:45 pm	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0911	0.182	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND	CCVE	mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.182	0.365	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.365	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0830**	J	mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-36 (3-5) **York Sample ID:** 24I0791-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:45 pm	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	**Benzo(a)pyrene**	**0.0706**	J	mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0553**	J	mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0583**	J	mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0772**	J	mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.162**		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-36 (3-5) **York Sample ID:** 24I0791-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:45 pm	09/13/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.154**		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.129**		mg/kg dry	0.0457	0.0911	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.182	0.365	2	EPA 8270D	09/19/2024 08:25	09/20/2024 19:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*72.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.0 %*	*24-116*

Sample Information

Client Sample ID: SB-36 (3-5) **York Sample ID:** 24I0791-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:45 pm	09/13/2024

HERB, 8151 MASTER

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	09/16/2024 08:42	09/16/2024 22:53	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	09/16/2024 08:42	09/16/2024 22:53	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	09/16/2024 08:42	09/16/2024 22:53	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*83.6 %*	*21-150*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.92	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.88**		mg/kg dry	1.15	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.257**		mg/kg dry	0.039	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.230	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.0**		mg/kg dry	0.383	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**35.5**		mg/kg dry	1.53	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**49.2**		mg/kg dry	0.383	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**17.7**		mg/kg dry	0.763	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.92	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.386	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.92	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**74.8**		mg/kg dry	1.91	1	EPA 6010D	09/16/2024 16:10	09/18/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Information

Client Sample ID: SB-36 (3-5) **York Sample ID:** 24I0791-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Soil	September 12, 2024 12:45 pm	09/13/2024

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**	**0.659**		mg/kg dry	0.0331	1	EPA 7473	09/18/2024 13:23	09/19/2024 12:43	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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	09/16/2024 08:10	09/16/2024 12:42	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **RB_9.12.24** **York Sample ID:** **24I0791-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Water	September 12, 2024 12:45 pm	09/13/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND	QL-02	ug/L	0.215	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_9.12.24 **York Sample ID:** 24I0791-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Water	September 12, 2024 12:45 pm	09/13/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	ICVE	ug/L	0.320	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.25**		ug/L	0.245	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**16.4**		ug/L	0.243	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND	QL-02	ug/L	0.262	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: RB_9.12.24 **York Sample ID:** 24I0791-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Water	September 12, 2024 12:45 pm	09/13/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.442	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_9.12.24 **York Sample ID:** 24I0791-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Water	September 12, 2024 12:45 pm	09/13/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/24/2024 02:00	09/25/2024 05:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.6 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.12.24 **York Sample ID:** 24I0791-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Water	September 12, 2024 12:45 pm	09/13/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	ug/L	5.00	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.12.24 **York Sample ID:** 24I0791-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Water	September 12, 2024 12:45 pm	09/13/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	CCVE	ug/L	0.750	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/19/2024 08:55	09/20/2024 17:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.1 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*13.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*94.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*81.4 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*96.9 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.12.24 **York Sample ID:** 24I0791-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Water	September 12, 2024 12:45 pm	09/13/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0600**		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.12.24 **York Sample ID:** 24I0791-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Water	September 12, 2024 12:45 pm	09/13/2024

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/19/2024 08:55	09/20/2024 10:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

PCB, 8082 MASTER

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	09/19/2024 08:47	09/19/2024 13:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	09/19/2024 08:47	09/19/2024 13:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	09/19/2024 08:47	09/19/2024 13:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	09/19/2024 08:47	09/19/2024 13:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	09/19/2024 08:47	09/19/2024 13:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	09/19/2024 08:47	09/19/2024 13:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	09/19/2024 08:47	09/19/2024 13:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	09/19/2024 08:47	09/19/2024 13:31	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.5 %*	*30-120*

HERB, 8151 MASTER

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

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	09/17/2024 08:10	09/18/2024 14:00	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	09/17/2024 08:10	09/18/2024 14:00	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	09/17/2024 08:10	09/18/2024 14:00	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*87.2 %*	*30-150*

Sample Information

Client Sample ID: RB_9.12.24 **York Sample ID:** 24I0791-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0791	Remington Arms/HER1510.P2	Water	September 12, 2024 12:45 pm	09/13/2024

Metals, Priority Pollutant-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	09/18/2024 08:50	09/19/2024 12:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	09/18/2024 08:50	09/19/2024 12:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/18/2024 08:50	09/19/2024 12:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/18/2024 08:50	09/19/2024 12:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.30**		ug/L	1.11	1	EPA 6020B	09/18/2024 08:50	09/19/2024 12:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**6.71**		ug/L	1.11	1	EPA 6020B	09/18/2024 08:50	09/19/2024 12:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	09/18/2024 08:50	09/19/2024 12:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**1.26**		ug/L	1.11	1	EPA 6020B	09/18/2024 08:50	09/19/2024 12:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**1.78**		ug/L	1.11	1	EPA 6020B	09/18/2024 08:50	09/19/2024 12:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	09/18/2024 08:50	09/19/2024 12:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/18/2024 08:50	09/19/2024 12:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**14.7**	M-BS	ug/L	1.11	1	EPA 6020B	09/18/2024 08:50	09/19/2024 12:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/18/2024 08:32	09/18/2024 08:32	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Analytical Batch Summary

Batch ID: BI40894 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-01	SB-35 (1-4)	09/15/24
BI40894-BLK1	Blank	09/15/24
BI40894-DUP1	Duplicate	09/15/24
BI40894-MS1	Matrix Spike	09/15/24
BI40894-PS1	Post Spike	09/15/24
BI40894-SRM1	Reference	09/15/24

Batch ID: BI40912 **Preparation Method:** % Solids Prep **Prepared By:** TCD

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-02	SB-DUP-4	09/16/24
24I0791-03	SB-16 (21-24)	09/16/24

Batch ID: BI40922 **Preparation Method:** % Solids Prep **Prepared By:** TCD

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-04	SB-12 (10-12)	09/16/24
24I0791-05	SB-15 (20-23)	09/16/24
24I0791-06	SB-DUP-3	09/16/24
24I0791-07	SB-13 (2-4)	09/16/24
24I0791-08	SB-36 (3-5)	09/16/24
BI40922-DUP1	Duplicate	09/16/24

Batch ID: BI40944 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-01	SB-35 (1-4)	09/16/24
24I0791-02	SB-DUP-4	09/16/24
24I0791-08	SB-36 (3-5)	09/16/24
BI40944-BLK1	Blank	09/16/24
BI40944-BS1	LCS	09/16/24
BI40944-MS1	Matrix Spike	09/16/24
BI40944-MSD1	Matrix Spike Dup	09/16/24

Batch ID: BI40967 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-02	SB-DUP-4	09/16/24
24I0791-03	SB-16 (21-24)	09/16/24
24I0791-04	SB-12 (10-12)	09/16/24
24I0791-05	SB-15 (20-23)	09/16/24
24I0791-06	SB-DUP-3	09/16/24
BI40967-BLK1	Blank	09/16/24

BI40967-DUP1	Duplicate	09/16/24
BI40967-MS1	Matrix Spike	09/16/24
BI40967-PS1	Post Spike	09/16/24
BI40967-SRM1	Reference	09/16/24

Batch ID: BI40979 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-07	SB-13 (2-4)	09/16/24
24I0791-08	SB-36 (3-5)	09/16/24
BI40979-BLK1	Blank	09/16/24
BI40979-SRM1	Reference	09/16/24

Batch ID: BI40995 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-01	SB-35 (1-4)	09/17/24
BI40995-DUP1	Duplicate	09/17/24

Batch ID: BI41006 **Preparation Method:** EPA 8151A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-09	RB_9.12.24	09/17/24
BI41006-BLK1	Blank	09/17/24
BI41006-BS1	LCS	09/17/24

Batch ID: BI41100 **Preparation Method:** EPA SW846-7470A **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-09	RB_9.12.24	09/18/24
BI41100-BLK1	Blank	09/18/24
BI41100-BLK2	Blank	09/18/24
BI41100-BS1	LCS	09/18/24
BI41100-BS2	LCS	09/18/24

Batch ID: BI41111 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-09	RB_9.12.24	09/18/24
BI41111-BLK1	Blank	09/18/24
BI41111-BS1	LCS	09/18/24
BI41111-DUP1	Duplicate	09/18/24
BI41111-MS1	Matrix Spike	09/18/24

Batch ID: BI41112 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date

24I0791-03	SB-16 (21-24)	09/18/24
24I0791-04	SB-12 (10-12)	09/18/24
24I0791-05	SB-15 (20-23)	09/18/24
24I0791-06	SB-DUP-3	09/18/24
24I0791-07	SB-13 (2-4)	09/18/24
BI41112-BLK2	Blank	09/18/24
BI41112-BS2	LCS	09/18/24
BI41112-MS2	Matrix Spike	09/18/24
BI41112-MSD2	Matrix Spike Dup	09/18/24

Batch ID: BI41134 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-02	SB-DUP-4	09/18/24
24I0791-03	SB-16 (21-24)	09/18/24
24I0791-04	SB-12 (10-12)	09/18/24
24I0791-05	SB-15 (20-23)	09/18/24
24I0791-06	SB-DUP-3	09/18/24
24I0791-07	SB-13 (2-4)	09/18/24
24I0791-08	SB-36 (3-5)	09/18/24
BI41134-BLK1	Blank	09/18/24
BI41134-DUP1	Duplicate	09/18/24
BI41134-MS1	Matrix Spike	09/18/24
BI41134-SRM1	Reference	09/18/24

Batch ID: BI41187 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-06	SB-DUP-3	09/19/24
24I0791-06RE1	SB-DUP-3	09/19/24
24I0791-07	SB-13 (2-4)	09/19/24
24I0791-08	SB-36 (3-5)	09/19/24
BI41187-BLK1	Blank	09/19/24
BI41187-BS1	LCS	09/19/24

Batch ID: BI41192 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-01	SB-35 (1-4)	09/19/24
24I0791-02	SB-DUP-4	09/19/24
24I0791-03	SB-16 (21-24)	09/19/24
24I0791-04	SB-12 (10-12)	09/19/24
24I0791-05	SB-15 (20-23)	09/19/24
BI41192-BLK1	Blank	09/19/24
BI41192-BS1	LCS	09/19/24
BI41192-MS1	Matrix Spike	09/19/24
BI41192-MS2	Matrix Spike	09/19/24
BI41192-MSD1	Matrix Spike Dup	09/19/24
BI41192-MSD2	Matrix Spike Dup	09/19/24

Batch ID: BI41198 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-09	RB_9.12.24	09/19/24
BI41198-BLK2	Blank	09/19/24
BI41198-BS2	LCS	09/19/24
BI41198-BSD2	LCS Dup	09/19/24

Batch ID: BI41202 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-09	RB_9.12.24	09/19/24
BI41202-BLK1	Blank	09/19/24
BI41202-BLK2	Blank	09/19/24
BI41202-BS1	LCS	09/19/24
BI41202-BS2	LCS	09/19/24

Batch ID: BI41222 **Preparation Method:** EPA 7473 soil **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-01	SB-35 (1-4)	09/19/24
BI41222-BLK1	Blank	09/19/24
BI41222-DUP1	Duplicate	09/19/24
BI41222-MS1	Matrix Spike	09/19/24
BI41222-SRM1	Reference	09/19/24

Batch ID: BI41353 **Preparation Method:** EPA 5035A **Prepared By:** SKF

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-01	SB-35 (1-4)	09/22/24
24I0791-02	SB-DUP-4	09/22/24
24I0791-05	SB-15 (20-23)	09/22/24
24I0791-06	SB-DUP-3	09/22/24
24I0791-07	SB-13 (2-4)	09/22/24
24I0791-08	SB-36 (3-5)	09/22/24
BI41353-BLK1	Blank	09/22/24
BI41353-BS1	LCS	09/22/24
BI41353-BSD1	LCS Dup	09/22/24
BI41353-MS1	Matrix Spike	09/22/24
BI41353-MS2	Matrix Spike	09/22/24
BI41353-MSD1	Matrix Spike Dup	09/22/24
BI41353-MSD2	Matrix Spike Dup	09/22/24

Batch ID: BI41407 **Preparation Method:** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-03	SB-16 (21-24)	09/23/24

BI41407-BLK1	Blank	09/23/24
BI41407-BS1	LCS	09/23/24
BI41407-BSD1	LCS Dup	09/23/24

Batch ID: BI41449 **Preparation Method:** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-03RE1	SB-16 (21-24)	09/24/24
24I0791-04RE1	SB-12 (10-12)	09/24/24
BI41449-BLK2	Blank	09/23/24
BI41449-BS2	LCS	09/23/24
BI41449-BSD2	LCS Dup	09/23/24

Batch ID: BI41481 **Preparation Method:** EPA 5035A **Prepared By:** SKF

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-04	SB-12 (10-12)	09/24/24
BI41481-BLK1	Blank	09/24/24
BI41481-BLK2	Blank	09/24/24
BI41481-BS1	LCS	09/24/24
BI41481-BS2	LCS	09/24/24
BI41481-BSD1	LCS Dup	09/24/24
BI41481-BSD2	LCS Dup	09/24/24

Batch ID: BI41506 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24I0791-09	RB_9.12.24	09/24/24
BI41506-BLK1	Blank	09/24/24
BI41506-BS1	LCS	09/24/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41353 - EPA 5035A											
Blank (BI41353-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	"								

Prepared & Analyzed: 09/22/2024

Volatile Organic Compounds by GC/MS - Quality Control Data

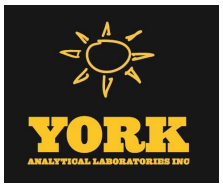
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41353 - EPA 5035A											
Blank (BI41353-BLK1)								Prepared & Analyzed: 09/22/2024			
n-Butylbenzene	ND	0.0050	mg/kg wet								
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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*ug/L*	*50.0*		*99.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.1*		*"*	*50.0*		*106*	*76-130*				
LCS (BI41353-BS1)								Prepared & Analyzed: 09/22/2024			
1,1,1,2-Tetrachloroethane	54.2		ug/L	50.0		108	75-129				
1,1,1-Trichloroethane	52.4		"	50.0		105	71-137				
1,1,2,2-Tetrachloroethane	56.2		"	50.0		112	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.6		"	50.0		103	58-146				
1,1,2-Trichloroethane	52.7		"	50.0		105	83-123				
1,1-Dichloroethane	49.6		"	50.0		99.3	75-130				
1,1-Dichloroethylene	52.8		"	50.0		106	64-137				
1,2,3-Trichlorobenzene	50.3		"	50.0		101	81-140				
1,2,3-Trichloropropane	54.7		"	50.0		109	81-126				
1,2,4-Trichlorobenzene	49.2		"	50.0		98.5	80-141				
1,2,4-Trimethylbenzene	53.1		"	50.0		106	84-125				
1,2-Dibromo-3-chloropropane	56.1		"	50.0		112	74-142				
1,2-Dibromoethane	54.8		"	50.0		110	86-123				
1,2-Dichlorobenzene	52.1		"	50.0		104	85-122				
1,2-Dichloroethane	53.0		"	50.0		106	71-133				
1,2-Dichloropropane	52.5		"	50.0		105	81-122				
1,3,5-Trimethylbenzene	54.7		"	50.0		109	82-126				
1,3-Dichlorobenzene	51.1		"	50.0		102	84-124				
1,4-Dichlorobenzene	49.9		"	50.0		99.8	84-124				
1,4-Dioxane	1980		"	1050		188	10-228				
2-Butanone	46.7		"	50.0		93.5	58-147				
2-Hexanone	48.4		"	50.0		96.7	70-139				
4-Methyl-2-pentanone	56.8		"	50.0		114	72-132				
Acetone	99.7		"	50.0		199	36-155	High Bias			
Acrolein	94.8		"	50.0		190	10-238				
Acrylonitrile	53.7		"	50.0		107	66-141				
Benzene	53.1		"	50.0		106	77-127				
Bromochloromethane	52.1		"	50.0		104	74-129				
Bromodichloromethane	54.1		"	50.0		108	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41353 - EPA 5035A											
LCS (BI41353-BS1)							Prepared & Analyzed: 09/22/2024				
Bromoform	51.4		ug/L	50.0		103	80-136				
Bromomethane	54.9		"	50.0		110	32-177				
Carbon disulfide	52.8		"	50.0		106	10-136				
Carbon tetrachloride	55.1		"	50.0		110	66-143				
Chlorobenzene	52.2		"	50.0		104	86-120				
Chloroethane	56.3		"	50.0		113	51-142				
Chloroform	52.0		"	50.0		104	76-131				
Chloromethane	57.4		"	50.0		115	49-132				
cis-1,2-Dichloroethylene	51.2		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	51.9		"	50.0		104	81-129				
Cyclohexane	51.9		"	50.0		104	70-130				
Dibromochloromethane	53.1		"	50.0		106	10-200				
Dibromomethane	52.2		"	50.0		104	83-124				
Dichlorodifluoromethane	59.1		"	50.0		118	28-158				
Ethyl Benzene	53.3		"	50.0		107	84-125				
Hexachlorobutadiene	51.9		"	50.0		104	83-133				
Isopropylbenzene	54.8		"	50.0		110	81-127				
Methyl acetate	48.4		"	50.0		96.9	41-143				
Methyl tert-butyl ether (MTBE)	51.8		"	50.0		104	74-131				
Methylcyclohexane	51.4		"	50.0		103	70-130				
Methylene chloride	59.6		"	50.0		119	57-141				
n-Butylbenzene	52.8		"	50.0		106	80-130				
n-Propylbenzene	53.5		"	50.0		107	74-136				
o-Xylene	52.7		"	50.0		105	83-123				
p- & m- Xylenes	105		"	100		105	82-128				
p-Isopropyltoluene	52.4		"	50.0		105	85-125				
sec-Butylbenzene	54.5		"	50.0		109	83-125				
Styrene	53.9		"	50.0		108	86-126				
tert-Butyl alcohol (TBA)	272		"	250		109	70-130				
tert-Butylbenzene	53.6		"	50.0		107	80-127				
Tetrachloroethylene	50.7		"	50.0		101	80-129				
Toluene	53.5		"	50.0		107	85-121				
trans-1,2-Dichloroethylene	51.2		"	50.0		102	72-132				
trans-1,3-Dichloropropylene	51.8		"	50.0		104	78-132				
Trichloroethylene	53.3		"	50.0		107	84-123				
Trichlorofluoromethane	53.5		"	50.0		107	62-140				
Vinyl Chloride	57.6		"	50.0		115	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41353 - EPA 5035A											
LCS Dup (BI41353-BSD1)								Prepared & Analyzed: 09/22/2024			
1,1,1,2-Tetrachloroethane	52.6		ug/L	50.0		105	75-129		3.07	30	
1,1,1-Trichloroethane	49.9		"	50.0		99.7	71-137		4.95	30	
1,1,2,2-Tetrachloroethane	54.4		"	50.0		109	79-129		3.24	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.3		"	50.0		96.6	58-146		6.70	30	
1,1,2-Trichloroethane	52.3		"	50.0		105	83-123		0.781	30	
1,1-Dichloroethane	47.5		"	50.0		95.1	75-130		4.36	30	
1,1-Dichloroethylene	50.7		"	50.0		101	64-137		4.17	30	
1,2,3-Trichlorobenzene	50.2		"	50.0		100	81-140		0.159	30	
1,2,3-Trichloropropane	54.2		"	50.0		108	81-126		0.881	30	
1,2,4-Trichlorobenzene	50.0		"	50.0		100	80-141		1.61	30	
1,2,4-Trimethylbenzene	50.6		"	50.0		101	84-125		4.70	30	
1,2-Dibromo-3-chloropropane	57.7		"	50.0		115	74-142		2.78	30	
1,2-Dibromoethane	54.0		"	50.0		108	86-123		1.54	30	
1,2-Dichlorobenzene	50.6		"	50.0		101	85-122		3.00	30	
1,2-Dichloroethane	52.2		"	50.0		104	71-133		1.44	30	
1,2-Dichloropropane	50.9		"	50.0		102	81-122		3.02	30	
1,3,5-Trimethylbenzene	51.8		"	50.0		104	82-126		5.47	30	
1,3-Dichlorobenzene	49.8		"	50.0		99.6	84-124		2.66	30	
1,4-Dichlorobenzene	48.7		"	50.0		97.4	84-124		2.43	30	
1,4-Dioxane	2010		"	1050		191	10-228		1.62	30	
2-Butanone	47.4		"	50.0		94.8	58-147		1.42	30	
2-Hexanone	49.4		"	50.0		98.7	70-139		2.07	30	
4-Methyl-2-pentanone	57.4		"	50.0		115	72-132		1.05	30	
Acetone	103		"	50.0		205	36-155	High Bias	2.86	30	
Acrolein	93.4		"	50.0		187	10-238		1.52	30	
Acrylonitrile	54.1		"	50.0		108	66-141		0.816	30	
Benzene	51.1		"	50.0		102	77-127		3.80	30	
Bromochloromethane	51.1		"	50.0		102	74-129		1.82	30	
Bromodichloromethane	52.9		"	50.0		106	81-124		2.19	30	
Bromoform	52.5		"	50.0		105	80-136		1.94	30	
Bromomethane	51.5		"	50.0		103	32-177		6.28	30	
Carbon disulfide	50.2		"	50.0		100	10-136		4.99	30	
Carbon tetrachloride	52.4		"	50.0		105	66-143		4.97	30	
Chlorobenzene	50.9		"	50.0		102	86-120		2.52	30	
Chloroethane	52.9		"	50.0		106	51-142		6.23	30	
Chloroform	50.6		"	50.0		101	76-131		2.69	30	
Chloromethane	54.2		"	50.0		108	49-132		5.68	30	
cis-1,2-Dichloroethylene	49.6		"	50.0		99.2	74-132		3.29	30	
cis-1,3-Dichloropropylene	50.7		"	50.0		101	81-129		2.28	30	
Cyclohexane	48.8		"	50.0		97.5	70-130		6.16	30	
Dibromochloromethane	52.9		"	50.0		106	10-200		0.434	30	
Dibromomethane	51.8		"	50.0		104	83-124		0.865	30	
Dichlorodifluoromethane	54.4		"	50.0		109	28-158		8.30	30	
Ethyl Benzene	51.3		"	50.0		103	84-125		3.88	30	
Hexachlorobutadiene	48.0		"	50.0		95.9	83-133		7.85	30	
Isopropylbenzene	51.6		"	50.0		103	81-127		5.90	30	
Methyl acetate	49.8		"	50.0		99.5	41-143		2.69	30	
Methyl tert-butyl ether (MTBE)	51.7		"	50.0		103	74-131		0.0773	30	
Methylcyclohexane	48.4		"	50.0		96.8	70-130		5.93	30	
Methylene chloride	59.0		"	50.0		118	57-141		0.962	30	
n-Butylbenzene	50.3		"	50.0		101	80-130		4.87	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41353 - EPA 5035A											
LCS Dup (BI41353-BSD1)								Prepared & Analyzed: 09/22/2024			
n-Propylbenzene	50.6		ug/L	50.0		101	74-136		5.55	30	
o-Xylene	51.0		"	50.0		102	83-123		3.22	30	
p- & m- Xylenes	101		"	100		101	82-128		3.48	30	
p-Isopropyltoluene	49.6		"	50.0		99.3	85-125		5.45	30	
sec-Butylbenzene	50.9		"	50.0		102	83-125		6.94	30	
Styrene	52.8		"	50.0		106	86-126		2.04	30	
tert-Butyl alcohol (TBA)	335		"	250		134	70-130	High Bias	20.7	30	
tert-Butylbenzene	50.0		"	50.0		100	80-127		6.97	30	
Tetrachloroethylene	48.7		"	50.0		97.5	80-129		3.86	30	
Toluene	51.0		"	50.0		102	85-121		4.84	30	
trans-1,2-Dichloroethylene	49.0		"	50.0		98.0	72-132		4.33	30	
trans-1,3-Dichloropropylene	51.7		"	50.0		103	78-132		0.193	30	
Trichloroethylene	50.9		"	50.0		102	84-123		4.63	30	
Trichlorofluoromethane	53.5		"	50.0		107	62-140		0.0748	30	
Vinyl Chloride	53.6		"	50.0		107	52-130		7.21	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				
Matrix Spike (BI41353-MS1)	*Source sample: 24I0791-05 (SB-15 (20-23))							Prepared & Analyzed: 09/22/2024			
1,1,1,2-Tetrachloroethane	29.6		ug/L	50.0	0.00	59.1	15-161				
1,1,1-Trichloroethane	22.4		"	50.0	0.00	44.7	42-145				
1,1,2,2-Tetrachloroethane	0.00		"	50.0	0.00		16-167	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	18.4		"	50.0	0.00	36.9	11-160				
1,1,2-Trichloroethane	34.9		"	50.0	0.00	69.7	44-145				
1,1-Dichloroethane	24.4		"	50.0	0.00	48.8	46-142				
1,1-Dichloroethylene	21.3		"	50.0	0.00	42.6	30-153				
1,2,3-Trichlorobenzene	17.7		"	50.0	0.00	35.5	10-157				
1,2,3-Trichloropropane	41.2		"	50.0	0.00	82.5	38-155				
1,2,4-Trichlorobenzene	14.2		"	50.0	0.00	28.4	10-151				
1,2,4-Trimethylbenzene	20.2		"	50.0	0.00	40.4	10-170				
1,2-Dibromo-3-chloropropane	37.9		"	50.0	0.00	75.8	36-138				
1,2-Dibromoethane	34.3		"	50.0	0.00	68.5	40-142				
1,2-Dichlorobenzene	21.5		"	50.0	0.00	43.0	10-147				
1,2-Dichloroethane	34.3		"	50.0	0.00	68.6	48-133				
1,2-Dichloropropane	30.5		"	50.0	0.00	61.0	47-141				
1,3,5-Trimethylbenzene	20.4		"	50.0	0.00	40.9	10-150				
1,3-Dichlorobenzene	17.9		"	50.0	0.00	35.8	10-144				
1,4-Dichlorobenzene	17.0		"	50.0	0.00	33.9	10-160				
1,4-Dioxane	1950		"	1050	0.00	186	10-191				
2-Butanone	43.2		"	50.0	0.00	86.3	10-189				
2-Hexanone	42.5		"	50.0	0.00	85.0	10-181				
4-Methyl-2-pentanone	52.0		"	50.0	0.00	104	10-166				
Acetone	119		"	50.0	15.3	207	10-196	High Bias			
Acrolein	3.56		"	50.0	0.00	7.12	10-192	Low Bias			
Acrylonitrile	49.7		"	50.0	0.00	99.5	13-161				
Benzene	26.4		"	50.0	0.00	52.7	43-139				
Bromochloromethane	32.3		"	50.0	0.00	64.6	38-145				
Bromodichloromethane	29.6		"	50.0	0.00	59.1	38-147				
Bromoform	33.7		"	50.0	0.00	67.4	29-156				
Bromomethane	26.8		"	50.0	0.00	53.7	10-166				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41353 - EPA 5035A											
Matrix Spike (BI41353-MS1)	*Source sample: 24I0791-05 (SB-15 (20-23))							Prepared & Analyzed: 09/22/2024			
Carbon disulfide	17.5		ug/L	50.0	0.00	35.1	10-131				
Carbon tetrachloride	21.9		"	50.0	0.00	43.8	35-145				
Chlorobenzene	22.9		"	50.0	0.00	45.7	21-154				
Chloroethane	24.1		"	50.0	0.00	48.2	15-160				
Chloroform	27.6		"	50.0	0.00	55.3	47-142				
Chloromethane	25.5		"	50.0	0.00	51.0	10-159				
cis-1,2-Dichloroethylene	23.8		"	50.0	0.00	47.7	42-144				
cis-1,3-Dichloropropylene	24.8		"	50.0	0.00	49.6	18-159				
Cyclohexane	19.0		"	50.0	0.00	38.1	70-130	Low Bias			
Dibromochloromethane	32.4		"	50.0	0.00	64.8	10-179				
Dibromomethane	32.0		"	50.0	0.00	64.1	47-143				
Dichlorodifluoromethane	19.6		"	50.0	0.00	39.1	10-145				
Ethyl Benzene	21.0		"	50.0	0.00	42.0	11-158				
Hexachlorobutadiene	12.4		"	50.0	0.00	24.9	10-158				
Isopropylbenzene	19.9		"	50.0	57.6	NR	10-162	Low Bias			
Methyl acetate	0.00		"	50.0	0.00		10-149	Low Bias			
Methyl tert-butyl ether (MTBE)	41.1		"	50.0	0.00	82.2	42-152				
Methylcyclohexane	16.2		"	50.0	23.0	NR	70-130	Low Bias			
Methylene chloride	34.6		"	50.0	7.24	54.6	28-151				
n-Butylbenzene	14.4		"	50.0	125	NR	10-162	Low Bias			
n-Propylbenzene	17.8		"	50.0	111	NR	10-155	Low Bias			
o-Xylene	23.3		"	50.0	0.00	46.6	10-158				
p- & m- Xylenes	41.2		"	100	0.00	41.2	10-156				
p-Isopropyltoluene	16.5		"	50.0	0.00	32.9	10-147				
sec-Butylbenzene	17.3		"	50.0	63.2	NR	10-157	Low Bias			
Styrene	22.9		"	50.0	0.00	45.9	13-171				
tert-Butyl alcohol (TBA)	249		"	250	0.00	99.7	34-179				
tert-Butylbenzene	19.4		"	50.0	6.47	25.9	10-160				
Tetrachloroethylene	18.9		"	50.0	0.00	37.9	30-167				
Toluene	23.4		"	50.0	0.00	46.8	21-160				
trans-1,2-Dichloroethylene	19.8		"	50.0	0.00	39.7	29-153				
trans-1,3-Dichloropropylene	24.6		"	50.0	0.00	49.1	18-155				
Trichloroethylene	38.9		"	50.0	0.00	77.7	24-169				
Trichlorofluoromethane	22.9		"	50.0	0.00	45.8	35-142				
Vinyl Chloride	21.8		"	50.0	0.00	43.6	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*57.8*		*"*	*50.0*		*116*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41353 - EPA 5035A											
Matrix Spike (BI41353-MS2)	*Source sample: 24I0791-01 (SB-35 (1-4))							Prepared: 09/22/2024 Analyzed: 09/23/2024			
1,1,1,2-Tetrachloroethane	38.8		ug/L	50.0	0.00	77.5	15-161				
1,1,1-Trichloroethane	39.2		"	50.0	0.00	78.3	42-145				
1,1,2,2-Tetrachloroethane	145		"	50.0	0.00	289	16-167	High Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	34.5		"	50.0	0.00	69.0	11-160				
1,1,2-Trichloroethane	48.6		"	50.0	0.00	97.1	44-145				
1,1-Dichloroethane	41.4		"	50.0	0.00	82.8	46-142				
1,1-Dichloroethylene	43.5		"	50.0	0.00	86.9	30-153				
1,2,3-Trichlorobenzene	13.3		"	50.0	0.00	26.6	10-157				
1,2,3-Trichloropropane	61.2		"	50.0	0.00	122	38-155				
1,2,4-Trichlorobenzene	15.2		"	50.0	0.00	30.4	10-151				
1,2,4-Trimethylbenzene	28.2		"	50.0	0.00	56.3	10-170				
1,2-Dibromo-3-chloropropane	99.0		"	50.0	0.00	198	36-138	High Bias			
1,2-Dibromoethane	46.9		"	50.0	0.00	93.7	40-142				
1,2-Dichlorobenzene	35.2		"	50.0	0.00	70.4	10-147				
1,2-Dichloroethane	44.4		"	50.0	0.00	88.8	48-133				
1,2-Dichloropropane	48.1		"	50.0	0.00	96.3	47-141				
1,3,5-Trimethylbenzene	27.2		"	50.0	0.00	54.5	10-150				
1,3-Dichlorobenzene	31.8		"	50.0	0.00	63.6	10-144				
1,4-Dichlorobenzene	30.2		"	50.0	0.00	60.5	10-160				
1,4-Dioxane	1880		"	1050	0.00	179	10-191				
2-Butanone	41.6		"	50.0	0.00	83.2	10-189				
2-Hexanone	89.6		"	50.0	0.00	179	10-181				
4-Methyl-2-pentanone	55.3		"	50.0	0.00	111	10-166				
Acetone	98.8		"	50.0	13.1	171	10-196				
Acrolein	29.8		"	50.0	0.00	59.6	10-192				
Acrylonitrile	45.7		"	50.0	0.00	91.5	13-161				
Benzene	41.5		"	50.0	0.00	83.0	43-139				
Bromochloromethane	43.6		"	50.0	0.00	87.2	38-145				
Bromodichloromethane	48.4		"	50.0	0.00	96.8	38-147				
Bromoform	40.2		"	50.0	0.00	80.3	29-156				
Bromomethane	43.0		"	50.0	0.00	86.1	10-166				
Carbon disulfide	41.2		"	50.0	0.00	82.4	10-131				
Carbon tetrachloride	37.3		"	50.0	0.00	74.6	35-145				
Chlorobenzene	36.2		"	50.0	0.00	72.4	21-154				
Chloroethane	43.8		"	50.0	0.00	87.6	15-160				
Chloroform	42.7		"	50.0	0.00	85.4	47-142				
Chloromethane	47.1		"	50.0	0.00	94.2	10-159				
cis-1,2-Dichloroethylene	42.4		"	50.0	0.00	84.8	42-144				
cis-1,3-Dichloropropylene	44.7		"	50.0	0.00	89.5	18-159				
Cyclohexane	30.6		"	50.0	0.00	61.2	70-130	Low Bias			
Dibromochloromethane	45.7		"	50.0	0.00	91.4	10-179				
Dibromomethane	46.6		"	50.0	0.00	93.3	47-143				
Dichlorodifluoromethane	46.9		"	50.0	0.00	93.8	10-145				
Ethyl Benzene	31.4		"	50.0	0.00	62.9	11-158				
Hexachlorobutadiene	7.55		"	50.0	0.00	15.1	10-158				
Isopropylbenzene	77.5		"	50.0	0.00	155	10-162				
Methyl acetate	42.0		"	50.0	0.00	84.0	10-149				
Methyl tert-butyl ether (MTBE)	46.4		"	50.0	0.00	92.8	42-152				
Methylcyclohexane	42.0		"	50.0	0.00	84.0	70-130				
Methylene chloride	44.0		"	50.0	11.6	64.8	28-151				
n-Butylbenzene	114		"	50.0	0.00	228	10-162	High Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

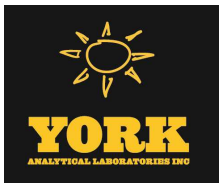
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41353 - EPA 5035A											
Matrix Spike (BI41353-MS2)	*Source sample: 24I0791-01 (SB-35 (1-4))							Prepared: 09/22/2024 Analyzed: 09/23/2024			
n-Propylbenzene	114		ug/L	50.0	0.00	228	10-155	High Bias			
o-Xylene	31.3		"	50.0	0.00	62.7	10-158				
p- & m- Xylenes	61.7		"	100	0.00	61.7	10-156				
p-Isopropyltoluene	19.5		"	50.0	0.00	39.0	10-147				
sec-Butylbenzene	68.7		"	50.0	0.00	137	10-157				
Styrene	35.3		"	50.0	0.00	70.7	13-171				
tert-Butyl alcohol (TBA)	238		"	250	0.00	95.1	34-179				
tert-Butylbenzene	28.2		"	50.0	0.00	56.4	10-160				
Tetrachloroethylene	29.6		"	50.0	0.00	59.3	30-167				
Toluene	39.8		"	50.0	0.00	79.5	21-160				
trans-1,2-Dichloroethylene	41.4		"	50.0	0.00	82.7	29-153				
trans-1,3-Dichloropropylene	44.6		"	50.0	0.00	89.2	18-155				
Trichloroethylene	43.6		"	50.0	0.00	87.3	24-169				
Trichlorofluoromethane	39.5		"	50.0	0.00	79.0	35-142				
Vinyl Chloride	43.1		"	50.0	0.00	86.1	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.4*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*69.6*		*"*	*50.0*		*139*	*76-130*				
Matrix Spike Dup (BI41353-MSD1)	*Source sample: 24I0791-05 (SB-15 (20-23))							Prepared & Analyzed: 09/22/2024			
1,1,1,2-Tetrachloroethane	37.0		ug/L	50.0	0.00	73.9	15-161		22.2	33	
1,1,1-Trichloroethane	34.4		"	50.0	0.00	68.7	42-145		42.3	30	Non-dir.
1,1,2,2-Tetrachloroethane	0.00		"	50.0	0.00		16-167	Low Bias		56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	30.7		"	50.0	0.00	61.5	11-160		50.0	31	Non-dir.
1,1,2-Trichloroethane	34.8		"	50.0	0.00	69.6	44-145		0.230	40	
1,1-Dichloroethane	33.2		"	50.0	0.00	66.4	46-142		30.5	36	
1,1-Dichloroethylene	32.9		"	50.0	0.00	65.8	30-153		42.8	31	Non-dir.
1,2,3-Trichlorobenzene	13.8		"	50.0	0.00	27.6	10-157		24.9	47	
1,2,3-Trichloropropane	37.2		"	50.0	0.00	74.3	38-155		10.5	48	
1,2,4-Trichlorobenzene	12.1		"	50.0	0.00	24.1	10-151		16.1	52	
1,2,4-Trimethylbenzene	28.5		"	50.0	0.00	56.9	10-170		33.9	242	
1,2-Dibromo-3-chloropropane	31.7		"	50.0	0.00	63.4	36-138		17.8	54	
1,2-Dibromoethane	29.5		"	50.0	0.00	59.0	40-142		14.9	39	
1,2-Dichlorobenzene	23.4		"	50.0	0.00	46.7	10-147		8.43	52	
1,2-Dichloroethane	33.6		"	50.0	0.00	67.1	48-133		2.21	32	
1,2-Dichloropropane	37.9		"	50.0	0.00	75.8	47-141		21.7	37	
1,3,5-Trimethylbenzene	30.6		"	50.0	0.00	61.2	10-150		39.8	62	
1,3-Dichlorobenzene	20.9		"	50.0	0.00	41.7	10-144		15.3	51	
1,4-Dichlorobenzene	18.3		"	50.0	0.00	36.6	10-160		7.71	52	
1,4-Dioxane	1600		"	1050	0.00	152	10-191		20.0	196	
2-Butanone	34.8		"	50.0	0.00	69.7	10-189		21.3	67	
2-Hexanone	32.4		"	50.0	0.00	64.9	10-181		26.8	60	
4-Methyl-2-pentanone	41.8		"	50.0	0.00	83.6	10-166		21.7	47	
Acetone	86.8		"	50.0	15.3	143	10-196		31.0	150	
Acrolein	3.02		"	50.0	0.00	6.04	10-192	Low Bias	16.4	128	
Acrylonitrile	37.3		"	50.0	0.00	74.5	13-161		28.7	48	
Benzene	35.7		"	50.0	0.00	71.3	43-139		30.0	64	
Bromochloromethane	32.1		"	50.0	0.00	64.3	38-145		0.497	30	
Bromodichloromethane	35.8		"	50.0	0.00	71.7	38-147		19.2	37	
Bromoform	30.1		"	50.0	0.00	60.1	29-156		11.4	51	
Bromomethane	33.0		"	50.0	0.00	66.0	10-166		20.6	42	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41353 - EPA 5035A											
Matrix Spike Dup (BI41353-MSD1)	*Source sample: 24I0791-05 (SB-15 (20-23))							Prepared & Analyzed: 09/22/2024			
Carbon disulfide	27.1		ug/L	50.0	0.00	54.1	10-131		42.7	36	Non-dir.
Carbon tetrachloride	35.0		"	50.0	0.00	70.1	35-145		46.0	31	Non-dir.
Chlorobenzene	28.1		"	50.0	0.00	56.2	21-154		20.6	32	
Chloroethane	33.6		"	50.0	0.00	67.2	15-160		32.8	40	
Chloroform	35.0		"	50.0	0.00	70.0	47-142		23.4	29	
Chloromethane	37.2		"	50.0	0.00	74.4	10-159		37.3	31	Non-dir.
cis-1,2-Dichloroethylene	30.3		"	50.0	0.00	60.5	42-144		23.8	30	
cis-1,3-Dichloropropylene	27.0		"	50.0	0.00	54.0	18-159		8.57	39	
Cyclohexane	30.7		"	50.0	0.00	61.4	70-130	Low Bias	46.9	30	Non-dir.
Dibromochloromethane	33.5		"	50.0	0.00	66.9	10-179		3.22	41	
Dibromomethane	29.7		"	50.0	0.00	59.3	47-143		7.68	41	
Dichlorodifluoromethane	34.0		"	50.0	0.00	68.1	10-145		54.0	34	Non-dir.
Ethyl Benzene	30.0		"	50.0	0.00	60.0	11-158		35.2	42	
Hexachlorobutadiene	17.6		"	50.0	0.00	35.2	10-158		34.4	45	
Isopropylbenzene	32.0		"	50.0	57.6	NR	10-162	Low Bias	46.8	57	
Methyl acetate	0.00		"	50.0	0.00		10-149	Low Bias		64	
Methyl tert-butyl ether (MTBE)	39.7		"	50.0	0.00	79.4	42-152		3.41	47	
Methylcyclohexane	28.3		"	50.0	23.0	10.7	70-130	Low Bias	54.4	30	Non-dir.
Methylene chloride	38.8		"	50.0	7.24	63.2	28-151		11.7	49	
n-Butylbenzene	21.4		"	50.0	125	NR	10-162	Low Bias	39.3	96	
n-Propylbenzene	27.2		"	50.0	111	NR	10-155	Low Bias	41.9	56	
o-Xylene	31.5		"	50.0	0.00	63.0	10-158		30.0	51	
p- & m- Xylenes	58.1		"	100	0.00	58.1	10-156		34.2	47	
p-Isopropyltoluene	25.9		"	50.0	0.00	51.7	10-147		44.4	60	
sec-Butylbenzene	27.9		"	50.0	63.2	NR	10-157	Low Bias	46.8	56	
Styrene	27.0		"	50.0	0.00	54.0	13-171		16.3	39	
tert-Butyl alcohol (TBA)	180		"	250	0.00	71.8	34-179		32.5	35	
tert-Butylbenzene	31.1		"	50.0	6.47	49.3	10-160		46.3	79	
Tetrachloroethylene	29.1		"	50.0	0.00	58.3	30-167		42.5	33	Non-dir.
Toluene	32.9		"	50.0	0.00	65.8	21-160		33.8	50	
trans-1,2-Dichloroethylene	27.5		"	50.0	0.00	55.0	29-153		32.4	30	Non-dir.
trans-1,3-Dichloropropylene	22.5		"	50.0	0.00	45.0	18-155		8.71	30	
Trichloroethylene	54.0		"	50.0	0.00	108	24-169		32.6	30	Non-dir.
Trichlorofluoromethane	37.1		"	50.0	0.00	74.1	35-142		47.2	30	Non-dir.
Vinyl Chloride	34.5		"	50.0	0.00	69.0	12-160		45.1	35	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.0*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.3*		*"*	*50.0*		*105*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41353 - EPA 5035A											
Matrix Spike Dup (BI41353-MSD2)	*Source sample: 24I0791-01 (SB-35 (1-4))								Prepared: 09/22/2024 Analyzed: 09/23/2024		
1,1,1,2-Tetrachloroethane	38.6		ug/L	50.0	0.00	77.1	15-161		0.517	33	
1,1,1-Trichloroethane	39.4		"	50.0	0.00	78.8	42-145		0.560	30	
1,1,2,2-Tetrachloroethane	86.9		"	50.0	0.00	174	16-167	High Bias	49.8	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35.8		"	50.0	0.00	71.6	11-160		3.78	31	
1,1,2-Trichloroethane	46.6		"	50.0	0.00	93.2	44-145		4.08	40	
1,1-Dichloroethane	40.9		"	50.0	0.00	81.8	46-142		1.17	36	
1,1-Dichloroethylene	43.4		"	50.0	0.00	86.9	30-153		0.0460	31	
1,2,3-Trichlorobenzene	13.8		"	50.0	0.00	27.7	10-157		4.13	47	
1,2,3-Trichloropropane	66.1		"	50.0	0.00	132	38-155		7.83	48	
1,2,4-Trichlorobenzene	15.3		"	50.0	0.00	30.5	10-151		0.328	52	
1,2,4-Trimethylbenzene	29.4		"	50.0	0.00	58.8	10-170		4.41	242	
1,2-Dibromo-3-chloropropane	87.2		"	50.0	0.00	174	36-138	High Bias	12.7	54	
1,2-Dibromoethane	45.7		"	50.0	0.00	91.3	40-142		2.62	39	
1,2-Dichlorobenzene	35.8		"	50.0	0.00	71.5	10-147		1.55	52	
1,2-Dichloroethane	42.3		"	50.0	0.00	84.7	48-133		4.80	32	
1,2-Dichloropropane	46.6		"	50.0	0.00	93.1	47-141		3.36	37	
1,3,5-Trimethylbenzene	28.8		"	50.0	0.00	57.5	10-150		5.47	62	
1,3-Dichlorobenzene	33.1		"	50.0	0.00	66.3	10-144		4.16	51	
1,4-Dichlorobenzene	31.2		"	50.0	0.00	62.4	10-160		3.16	52	
1,4-Dioxane	1740		"	1050	0.00	166	10-191		7.25	196	
2-Butanone	40.0		"	50.0	0.00	79.9	10-189		4.02	67	
2-Hexanone	100		"	50.0	0.00	200	10-181	High Bias	11.2	60	
4-Methyl-2-pentanone	52.4		"	50.0	0.00	105	10-166		5.46	47	
Acetone	92.2		"	50.0	13.1	158	10-196		6.87	150	
Acrolein	17.8		"	50.0	0.00	35.5	10-192		50.5	128	
Acrylonitrile	43.4		"	50.0	0.00	86.8	13-161		5.23	48	
Benzene	40.8		"	50.0	0.00	81.6	43-139		1.65	64	
Bromochloromethane	41.8		"	50.0	0.00	83.7	38-145		4.14	30	
Bromodichloromethane	48.1		"	50.0	0.00	96.2	38-147		0.622	37	
Bromoform	39.3		"	50.0	0.00	78.6	29-156		2.22	51	
Bromomethane	39.4		"	50.0	0.00	78.7	10-166		8.96	42	
Carbon disulfide	41.2		"	50.0	0.00	82.5	10-131		0.146	36	
Carbon tetrachloride	37.9		"	50.0	0.00	75.8	35-145		1.52	31	
Chlorobenzene	35.8		"	50.0	0.00	71.6	21-154		1.08	32	
Chloroethane	40.6		"	50.0	0.00	81.1	15-160		7.71	40	
Chloroform	41.6		"	50.0	0.00	83.2	47-142		2.56	29	
Chloromethane	46.6		"	50.0	0.00	93.2	10-159		1.11	31	
cis-1,2-Dichloroethylene	41.4		"	50.0	0.00	82.8	42-144		2.43	30	
cis-1,3-Dichloropropylene	43.6		"	50.0	0.00	87.2	18-159		2.60	39	
Cyclohexane	33.6		"	50.0	0.00	67.2	70-130	Low Bias	9.41	30	
Dibromochloromethane	47.7		"	50.0	0.00	95.5	10-179		4.30	41	
Dibromomethane	44.9		"	50.0	0.00	89.7	47-143		3.87	41	
Dichlorodifluoromethane	48.1		"	50.0	0.00	96.3	10-145		2.59	34	
Ethyl Benzene	31.9		"	50.0	0.00	63.8	11-158		1.42	42	
Hexachlorobutadiene	7.59		"	50.0	0.00	15.2	10-158		0.528	45	
Isopropylbenzene	83.2		"	50.0	0.00	166	10-162	High Bias	7.13	57	
Methyl acetate	39.2		"	50.0	0.00	78.4	10-149		6.90	64	
Methyl tert-butyl ether (MTBE)	44.3		"	50.0	0.00	88.5	42-152		4.68	47	
Methylcyclohexane	51.2		"	50.0	0.00	102	70-130		19.7	30	
Methylene chloride	42.2		"	50.0	11.6	61.1	28-151		4.29	49	
n-Butylbenzene	125		"	50.0	0.00	250	10-162	High Bias	9.25	96	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41353 - EPA 5035A											
Matrix Spike Dup (BI41353-MSD2)	*Source sample: 24I0791-01 (SB-35 (1-4))								Prepared: 09/22/2024 Analyzed: 09/23/2024		
n-Propylbenzene	123		ug/L	50.0	0.00	245	10-155	High Bias	7.10	56	
o-Xylene	31.6		"	50.0	0.00	63.1	10-158		0.700	51	
p- & m- Xylenes	63.5		"	100	0.00	63.5	10-156		2.76	47	
p-Isopropyltoluene	21.0		"	50.0	0.00	41.9	10-147		7.12	60	
sec-Butylbenzene	75.4		"	50.0	0.00	151	10-157		9.20	56	
Styrene	35.2		"	50.0	0.00	70.3	13-171		0.511	39	
tert-Butyl alcohol (TBA)	229		"	250	0.00	91.7	34-179		3.56	35	
tert-Butylbenzene	30.4		"	50.0	0.00	60.7	10-160		7.31	79	
Tetrachloroethylene	30.7		"	50.0	0.00	61.3	30-167		3.45	33	
Toluene	40.2		"	50.0	0.00	80.4	21-160		1.08	50	
trans-1,2-Dichloroethylene	40.8		"	50.0	0.00	81.6	29-153		1.36	30	
trans-1,3-Dichloropropylene	43.9		"	50.0	0.00	87.7	18-155		1.61	30	
Trichloroethylene	44.2		"	50.0	0.00	88.5	24-169		1.39	30	
Trichlorofluoromethane	40.4		"	50.0	0.00	80.8	35-142		2.23	30	
Vinyl Chloride	43.4		"	50.0	0.00	86.8	12-160		0.786	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.9*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*73.5*		*"*	*50.0*		*147*	*76-130*				
Batch BI41407 - EPA 5035A											
Blank (BI41407-BLK1)									Prepared & Analyzed: 09/23/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41407 - EPA 5035A											
Blank (BI41407-BLK1)									Prepared & Analyzed: 09/23/2024		
Bromoform	ND	0.0050	mg/kg wet								
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	"								
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	0.017	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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.0*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*99.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.8*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41407 - EPA 5035A											
LCS (BI41407-BS1)								Prepared & Analyzed: 09/23/2024			
1,1,1,2-Tetrachloroethane	47.8		ug/L	50.0		95.5	75-129				
1,1,1-Trichloroethane	43.9		"	50.0		87.8	71-137				
1,1,2,2-Tetrachloroethane	47.5		"	50.0		95.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.1		"	50.0		84.2	58-146				
1,1,2-Trichloroethane	46.7		"	50.0		93.5	83-123				
1,1-Dichloroethane	42.4		"	50.0		84.8	75-130				
1,1-Dichloroethylene	44.4		"	50.0		88.8	64-137				
1,2,3-Trichlorobenzene	45.8		"	50.0		91.6	81-140				
1,2,3-Trichloropropane	46.9		"	50.0		93.9	81-126				
1,2,4-Trichlorobenzene	46.7		"	50.0		93.4	80-141				
1,2,4-Trimethylbenzene	45.5		"	50.0		91.0	84-125				
1,2-Dibromo-3-chloropropane	48.2		"	50.0		96.4	74-142				
1,2-Dibromoethane	47.6		"	50.0		95.2	86-123				
1,2-Dichlorobenzene	46.3		"	50.0		92.5	85-122				
1,2-Dichloroethane	47.1		"	50.0		94.2	71-133				
1,2-Dichloropropane	45.4		"	50.0		90.7	81-122				
1,3,5-Trimethylbenzene	46.1		"	50.0		92.1	82-126				
1,3-Dichlorobenzene	46.1		"	50.0		92.3	84-124				
1,4-Dichlorobenzene	44.7		"	50.0		89.4	84-124				
1,4-Dioxane	1530		"	1050		146	10-228				
2-Butanone	41.3		"	50.0		82.5	58-147				
2-Hexanone	40.0		"	50.0		80.1	70-139				
4-Methyl-2-pentanone	47.5		"	50.0		95.0	72-132				
Acetone	84.2		"	50.0		168	36-155	High Bias			
Acrolein	86.0		"	50.0		172	10-238				
Acrylonitrile	46.4		"	50.0		92.8	66-141				
Benzene	45.9		"	50.0		91.7	77-127				
Bromochloromethane	46.4		"	50.0		92.7	74-129				
Bromodichloromethane	47.6		"	50.0		95.2	81-124				
Bromoform	46.7		"	50.0		93.5	80-136				
Bromomethane	45.1		"	50.0		90.3	32-177				
Carbon disulfide	43.5		"	50.0		86.9	10-136				
Carbon tetrachloride	46.4		"	50.0		92.9	66-143				
Chlorobenzene	45.2		"	50.0		90.4	86-120				
Chloroethane	46.6		"	50.0		93.1	51-142				
Chloroform	45.6		"	50.0		91.2	76-131				
Chloromethane	43.4		"	50.0		86.8	49-132				
cis-1,2-Dichloroethylene	44.9		"	50.0		89.8	74-132				
cis-1,3-Dichloropropylene	45.8		"	50.0		91.6	81-129				
Cyclohexane	41.8		"	50.0		83.6	70-130				
Dibromochloromethane	47.8		"	50.0		95.5	10-200				
Dibromomethane	45.6		"	50.0		91.2	83-124				
Dichlorodifluoromethane	37.8		"	50.0		75.5	28-158				
Ethyl Benzene	45.1		"	50.0		90.2	84-125				
Hexachlorobutadiene	40.1		"	50.0		80.2	83-133	Low Bias			
Isopropylbenzene	45.4		"	50.0		90.8	81-127				
Methyl acetate	40.7		"	50.0		81.4	41-143				
Methyl tert-butyl ether (MTBE)	45.7		"	50.0		91.4	74-131				
Methylcyclohexane	40.9		"	50.0		81.8	70-130				
Methylene chloride	59.0		"	50.0		118	57-141				
n-Butylbenzene	44.8		"	50.0		89.6	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41407 - EPA 5035A											
LCS (BI41407-BS1)							Prepared & Analyzed: 09/23/2024				
n-Propylbenzene	44.8		ug/L	50.0		89.7	74-136				
o-Xylene	45.2		"	50.0		90.3	83-123				
p- & m- Xylenes	89.1		"	100		89.1	82-128				
p-Isopropyltoluene	44.1		"	50.0		88.1	85-125				
sec-Butylbenzene	44.3		"	50.0		88.6	83-125				
Styrene	47.8		"	50.0		95.6	86-126				
tert-Butyl alcohol (TBA)	214		"	250		85.6	70-130				
tert-Butylbenzene	43.8		"	50.0		87.6	80-127				
Tetrachloroethylene	43.4		"	50.0		86.8	80-129				
Toluene	45.3		"	50.0		90.6	85-121				
trans-1,2-Dichloroethylene	43.5		"	50.0		87.0	72-132				
trans-1,3-Dichloropropylene	46.4		"	50.0		92.7	78-132				
Trichloroethylene	44.3		"	50.0		88.6	84-123				
Trichlorofluoromethane	45.6		"	50.0		91.2	62-140				
Vinyl Chloride	44.6		"	50.0		89.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*99.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				
LCS Dup (BI41407-BSD1)							Prepared & Analyzed: 09/23/2024				
1,1,1,2-Tetrachloroethane	51.4		ug/L	50.0		103	75-129		7.44	30	
1,1,1-Trichloroethane	46.7		"	50.0		93.3	71-137		6.14	30	
1,1,2,2-Tetrachloroethane	51.9		"	50.0		104	79-129		8.77	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.1		"	50.0		88.2	58-146		4.55	30	
1,1,2-Trichloroethane	50.4		"	50.0		101	83-123		7.64	30	
1,1-Dichloroethane	45.2		"	50.0		90.3	75-130		6.28	30	
1,1-Dichloroethylene	45.9		"	50.0		91.7	64-137		3.26	30	
1,2,3-Trichlorobenzene	50.1		"	50.0		100	81-140		9.05	30	
1,2,3-Trichloropropane	50.8		"	50.0		102	81-126		7.86	30	
1,2,4-Trichlorobenzene	50.6		"	50.0		101	80-141		8.03	30	
1,2,4-Trimethylbenzene	48.8		"	50.0		97.5	84-125		6.96	30	
1,2-Dibromo-3-chloropropane	53.1		"	50.0		106	74-142		9.66	30	
1,2-Dibromoethane	52.2		"	50.0		104	86-123		9.22	30	
1,2-Dichlorobenzene	50.1		"	50.0		100	85-122		7.97	30	
1,2-Dichloroethane	50.8		"	50.0		102	71-133		7.54	30	
1,2-Dichloropropane	48.8		"	50.0		97.6	81-122		7.31	30	
1,3,5-Trimethylbenzene	49.0		"	50.0		98.1	82-126		6.23	30	
1,3-Dichlorobenzene	49.1		"	50.0		98.2	84-124		6.22	30	
1,4-Dichlorobenzene	47.9		"	50.0		95.8	84-124		6.91	30	
1,4-Dioxane	1770		"	1050		168	10-228		14.3	30	
2-Butanone	45.6		"	50.0		91.2	58-147		9.99	30	
2-Hexanone	44.3		"	50.0		88.7	70-139		10.1	30	
4-Methyl-2-pentanone	52.3		"	50.0		105	72-132		9.60	30	
Acetone	93.0		"	50.0		186	36-155	High Bias	9.93	30	
Acrolein	95.7		"	50.0		191	10-238		10.7	30	
Acrylonitrile	50.5		"	50.0		101	66-141		8.40	30	
Benzene	48.4		"	50.0		96.8	77-127		5.33	30	
Bromochloromethane	49.7		"	50.0		99.3	74-129		6.92	30	
Bromodichloromethane	51.1		"	50.0		102	81-124		7.09	30	
Bromoform	51.2		"	50.0		102	80-136		9.05	30	
Bromomethane	46.4		"	50.0		92.8	32-177		2.80	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41407 - EPA 5035A											
LCS Dup (BI41407-BSD1)								Prepared & Analyzed: 09/23/2024			
Carbon disulfide	45.7		ug/L	50.0		91.4	10-136		5.07	30	
Carbon tetrachloride	49.2		"	50.0		98.4	66-143		5.71	30	
Chlorobenzene	48.4		"	50.0		96.7	86-120		6.80	30	
Chloroethane	46.8		"	50.0		93.7	51-142		0.599	30	
Chloroform	48.4		"	50.0		96.9	76-131		6.02	30	
Chloromethane	45.4		"	50.0		90.7	49-132		4.46	30	
cis-1,2-Dichloroethylene	47.6		"	50.0		95.2	74-132		5.84	30	
cis-1,3-Dichloropropylene	49.1		"	50.0		98.3	81-129		7.02	30	
Cyclohexane	44.1		"	50.0		88.3	70-130		5.45	30	
Dibromochloromethane	51.9		"	50.0		104	10-200		8.27	30	
Dibromomethane	49.4		"	50.0		98.8	83-124		7.98	30	
Dichlorodifluoromethane	38.6		"	50.0		77.3	28-158		2.28	30	
Ethyl Benzene	48.2		"	50.0		96.5	84-125		6.73	30	
Hexachlorobutadiene	42.3		"	50.0		84.7	83-133		5.46	30	
Isopropylbenzene	48.3		"	50.0		96.6	81-127		6.15	30	
Methyl acetate	44.6		"	50.0		89.1	41-143		9.01	30	
Methyl tert-butyl ether (MTBE)	50.1		"	50.0		100	74-131		9.17	30	
Methylcyclohexane	42.2		"	50.0		84.4	70-130		3.15	30	
Methylene chloride	61.0		"	50.0		122	57-141		3.37	30	
n-Butylbenzene	47.2		"	50.0		94.3	80-130		5.18	30	
n-Propylbenzene	47.6		"	50.0		95.2	74-136		5.99	30	
o-Xylene	48.5		"	50.0		97.0	83-123		7.15	30	
p- & m- Xylenes	94.7		"	100		94.7	82-128		6.11	30	
p-Isopropyltoluene	46.8		"	50.0		93.5	85-125		5.92	30	
sec-Butylbenzene	46.9		"	50.0		93.8	83-125		5.72	30	
Styrene	51.3		"	50.0		103	86-126		7.02	30	
tert-Butyl alcohol (TBA)	251		"	250		101	70-130		16.1	30	
tert-Butylbenzene	46.6		"	50.0		93.2	80-127		6.20	30	
Tetrachloroethylene	45.6		"	50.0		91.3	80-129		5.08	30	
Toluene	47.8		"	50.0		95.5	85-121		5.33	30	
trans-1,2-Dichloroethylene	45.8		"	50.0		91.6	72-132		5.24	30	
trans-1,3-Dichloropropylene	50.2		"	50.0		100	78-132		8.05	30	
Trichloroethylene	46.6		"	50.0		93.3	84-123		5.12	30	
Trichlorofluoromethane	45.5		"	50.0		91.0	62-140		0.154	30	
Vinyl Chloride	45.5		"	50.0		91.0	52-130		2.00	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41449 - EPA 5035A											
Blank (BI41449-BLK2)											
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	0.86	1.0	"								
n-Butylbenzene	ND	0.50	"								

Prepared: 09/23/2024 Analyzed: 09/24/2024

Volatile Organic Compounds by GC/MS - Quality Control Data

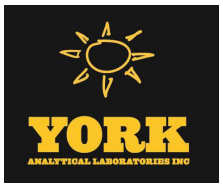
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41449 - EPA 5035A											
Blank (BI41449-BLK2)								Prepared: 09/23/2024 Analyzed: 09/24/2024			
n-Propylbenzene	ND	0.50	mg/kg wet								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*ug/L*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.3*		*"*	*50.0*		*109*	*76-130*				
LCS (BI41449-BS2)								Prepared: 09/23/2024 Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	58.9		ug/L	50.0		118	75-129				
1,1,1-Trichloroethane	53.9		"	50.0		108	71-137				
1,1,2,2-Tetrachloroethane	56.8		"	50.0		114	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.4		"	50.0		101	58-146				
1,1,2-Trichloroethane	55.8		"	50.0		112	83-123				
1,1-Dichloroethane	52.6		"	50.0		105	75-130				
1,1-Dichloroethylene	53.2		"	50.0		106	64-137				
1,2,3-Trichlorobenzene	56.4		"	50.0		113	81-140				
1,2,3-Trichloropropane	55.9		"	50.0		112	81-126				
1,2,4-Trichlorobenzene	54.9		"	50.0		110	80-141				
1,2,4-Trimethylbenzene	56.3		"	50.0		113	84-125				
1,2-Dibromo-3-chloropropane	53.4		"	50.0		107	74-142				
1,2-Dibromoethane	56.9		"	50.0		114	86-123				
1,2-Dichlorobenzene	54.7		"	50.0		109	85-122				
1,2-Dichloroethane	55.6		"	50.0		111	71-133				
1,2-Dichloropropane	55.4		"	50.0		111	81-122				
1,3,5-Trimethylbenzene	57.5		"	50.0		115	82-126				
1,3-Dichlorobenzene	57.3		"	50.0		115	84-124				
1,4-Dichlorobenzene	53.0		"	50.0		106	84-124				
1,4-Dioxane	1910		"	1050		182	10-228				
2-Butanone	50.5		"	50.0		101	58-147				
2-Hexanone	51.4		"	50.0		103	70-139				
4-Methyl-2-pentanone	57.0		"	50.0		114	72-132				
Acetone	101		"	50.0		201	36-155	High Bias			
Acrolein	99.3		"	50.0		199	10-238				
Acrylonitrile	55.9		"	50.0		112	66-141				
Benzene	54.9		"	50.0		110	77-127				
Bromochloromethane	54.9		"	50.0		110	74-129				
Bromodichloromethane	57.3		"	50.0		115	81-124				
Bromoform	53.4		"	50.0		107	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41449 - EPA 5035A											
LCS (BI41449-BS2)									Prepared: 09/23/2024 Analyzed: 09/24/2024		
Bromomethane	24.6		ug/L	50.0		49.1	32-177				
Carbon disulfide	51.8		"	50.0		104	10-136				
Carbon tetrachloride	57.3		"	50.0		115	66-143				
Chlorobenzene	54.9		"	50.0		110	86-120				
Chloroethane	26.8		"	50.0		53.7	51-142				
Chloroform	54.5		"	50.0		109	76-131				
Chloromethane	47.4		"	50.0		94.9	49-132				
cis-1,2-Dichloroethylene	53.5		"	50.0		107	74-132				
cis-1,3-Dichloropropylene	55.6		"	50.0		111	81-129				
Cyclohexane	52.8		"	50.0		106	70-130				
Dibromochloromethane	56.7		"	50.0		113	10-200				
Dibromomethane	54.7		"	50.0		109	83-124				
Dichlorodifluoromethane	35.1		"	50.0		70.2	28-158				
Ethyl Benzene	55.2		"	50.0		110	84-125				
Hexachlorobutadiene	56.0		"	50.0		112	83-133				
Isopropylbenzene	57.2		"	50.0		114	81-127				
Methyl acetate	55.8		"	50.0		112	41-143				
Methyl tert-butyl ether (MTBE)	55.3		"	50.0		111	74-131				
Methylcyclohexane	51.1		"	50.0		102	70-130				
Methylene chloride	64.1		"	50.0		128	57-141				
n-Butylbenzene	56.0		"	50.0		112	80-130				
n-Propylbenzene	56.0		"	50.0		112	74-136				
o-Xylene	55.2		"	50.0		110	83-123				
p- & m- Xylenes	109		"	100		109	82-128				
p-Isopropyltoluene	56.3		"	50.0		113	85-125				
sec-Butylbenzene	57.1		"	50.0		114	83-125				
Styrene	59.5		"	50.0		119	86-126				
tert-Butyl alcohol (TBA)	276		"	250		111	70-130				
tert-Butylbenzene	56.6		"	50.0		113	80-127				
Tetrachloroethylene	45.6		"	50.0		91.1	80-129				
Toluene	55.0		"	50.0		110	85-121				
trans-1,2-Dichloroethylene	52.9		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	56.2		"	50.0		112	78-132				
Trichloroethylene	55.4		"	50.0		111	84-123				
Trichlorofluoromethane	47.4		"	50.0		94.8	62-140				
Vinyl Chloride	47.8		"	50.0		95.5	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41449 - EPA 5035A											
LCS Dup (BI41449-BSD2)								Prepared & Analyzed: 09/23/2024			
1,1,1,2-Tetrachloroethane	60.1		ug/L	50.0		120	75-129		1.98	30	
1,1,1-Trichloroethane	55.8		"	50.0		112	71-137		3.50	30	
1,1,2,2-Tetrachloroethane	56.7		"	50.0		113	79-129		0.141	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.4		"	50.0		105	58-146		3.73	30	
1,1,2-Trichloroethane	56.1		"	50.0		112	83-123		0.679	30	
1,1-Dichloroethane	53.5		"	50.0		107	75-130		1.70	30	
1,1-Dichloroethylene	54.5		"	50.0		109	64-137		2.56	30	
1,2,3-Trichlorobenzene	57.8		"	50.0		116	81-140		2.44	30	
1,2,3-Trichloropropane	55.9		"	50.0		112	81-126		0.0179	30	
1,2,4-Trichlorobenzene	57.8		"	50.0		116	80-141		5.14	30	
1,2,4-Trimethylbenzene	58.3		"	50.0		117	84-125		3.44	30	
1,2-Dibromo-3-chloropropane	53.8		"	50.0		108	74-142		0.840	30	
1,2-Dibromoethane	56.5		"	50.0		113	86-123		0.776	30	
1,2-Dichlorobenzene	56.0		"	50.0		112	85-122		2.46	30	
1,2-Dichloroethane	55.6		"	50.0		111	71-133		0.0180	30	
1,2-Dichloropropane	56.1		"	50.0		112	81-122		1.31	30	
1,3,5-Trimethylbenzene	59.6		"	50.0		119	82-126		3.45	30	
1,3-Dichlorobenzene	59.5		"	50.0		119	84-124		3.70	30	
1,4-Dichlorobenzene	54.7		"	50.0		109	84-124		3.23	30	
1,4-Dioxane	1940		"	1050		185	10-228		1.51	30	
2-Butanone	49.3		"	50.0		98.7	58-147		2.30	30	
2-Hexanone	51.2		"	50.0		102	70-139		0.487	30	
4-Methyl-2-pentanone	56.3		"	50.0		113	72-132		1.38	30	
Acetone	99.3		"	50.0		199	36-155	High Bias	1.28	30	
Acrolein	92.4		"	50.0		185	10-238		7.17	30	
Acrylonitrile	55.6		"	50.0		111	66-141		0.592	30	
Benzene	56.4		"	50.0		113	77-127		2.69	30	
Bromochloromethane	54.8		"	50.0		110	74-129		0.0729	30	
Bromodichloromethane	58.5		"	50.0		117	81-124		2.07	30	
Bromoform	53.2		"	50.0		106	80-136		0.375	30	
Bromomethane	23.9		"	50.0		47.8	32-177		2.77	30	
Carbon disulfide	54.1		"	50.0		108	10-136		4.23	30	
Carbon tetrachloride	59.4		"	50.0		119	66-143		3.62	30	
Chlorobenzene	56.2		"	50.0		112	86-120		2.48	30	
Chloroethane	14.2		"	50.0		28.3	51-142	Low Bias	61.9	30	Non-dir.
Chloroform	55.2		"	50.0		110	76-131		1.44	30	
Chloromethane	49.8		"	50.0		99.6	49-132		4.87	30	
cis-1,2-Dichloroethylene	54.5		"	50.0		109	74-132		1.94	30	
cis-1,3-Dichloropropylene	56.0		"	50.0		112	81-129		0.789	30	
Cyclohexane	58.0		"	50.0		116	70-130		9.42	30	
Dibromochloromethane	57.1		"	50.0		114	10-200		0.738	30	
Dibromomethane	54.6		"	50.0		109	83-124		0.0732	30	
Dichlorodifluoromethane	36.6		"	50.0		73.2	28-158		4.27	30	
Ethyl Benzene	57.4		"	50.0		115	84-125		3.87	30	
Hexachlorobutadiene	58.7		"	50.0		117	83-133		4.58	30	
Isopropylbenzene	59.0		"	50.0		118	81-127		3.11	30	
Methyl acetate	55.8		"	50.0		112	41-143		0.0716	30	
Methyl tert-butyl ether (MTBE)	55.6		"	50.0		111	74-131		0.415	30	
Methylcyclohexane	53.8		"	50.0		108	70-130		5.00	30	
Methylene chloride	64.4		"	50.0		129	57-141		0.545	30	
n-Butylbenzene	58.6		"	50.0		117	80-130		4.61	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41449 - EPA 5035A											
LCS Dup (BI41449-BSD2)								Prepared & Analyzed: 09/23/2024			
n-Propylbenzene	57.9		ug/L	50.0		116	74-136		3.41	30	
o-Xylene	56.6		"	50.0		113	83-123		2.45	30	
p- & m- Xylenes	113		"	100		113	82-128		3.73	30	
p-Isopropyltoluene	58.8		"	50.0		118	85-125		4.26	30	
sec-Butylbenzene	59.1		"	50.0		118	83-125		3.58	30	
Styrene	61.2		"	50.0		122	86-126		2.83	30	
tert-Butyl alcohol (TBA)	285		"	250		114	70-130		2.92	30	
tert-Butylbenzene	58.0		"	50.0		116	80-127		2.37	30	
Tetrachloroethylene	48.0		"	50.0		96.1	80-129		5.32	30	
Toluene	56.8		"	50.0		114	85-121		3.17	30	
trans-1,2-Dichloroethylene	54.7		"	50.0		109	72-132		3.33	30	
trans-1,3-Dichloropropylene	56.2		"	50.0		112	78-132		0.125	30	
Trichloroethylene	57.4		"	50.0		115	84-123		3.49	30	
Trichlorofluoromethane	52.5		"	50.0		105	62-140		10.2	30	
Vinyl Chloride	49.7		"	50.0		99.4	52-130		3.94	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				
Batch BI41481 - EPA 5035A											
Blank (BI41481-BLK1)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
Blank (BI41481-BLK1)									Prepared & Analyzed: 09/24/2024		
Bromoform	ND	0.0050	mg/kg wet								
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	"								
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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.4*		*"*	*50.0*		*107*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
Blank (BI41481-BLK2)											Prepared & Analyzed: 09/24/2024
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	1.5	1.0	"								
n-Butylbenzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
Blank (BI41481-BLK2)								Prepared & Analyzed: 09/24/2024			
n-Propylbenzene	ND	0.50	mg/kg wet								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.5*		*ug/L*	*50.0*		*97.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.6*		*"*	*50.0*		*109*	*76-130*				
LCS (BI41481-BS1)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	50.2		ug/L	50.0		100	75-129				
1,1,1-Trichloroethane	45.3		"	50.0		90.6	71-137				
1,1,2,2-Tetrachloroethane	51.2		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41.2		"	50.0		82.5	58-146				
1,1,2-Trichloroethane	49.7		"	50.0		99.4	83-123				
1,1-Dichloroethane	44.1		"	50.0		88.2	75-130				
1,1-Dichloroethylene	43.6		"	50.0		87.1	64-137				
1,2,3-Trichlorobenzene	48.4		"	50.0		96.8	81-140				
1,2,3-Trichloropropane	49.7		"	50.0		99.4	81-126				
1,2,4-Trichlorobenzene	48.5		"	50.0		96.9	80-141				
1,2,4-Trimethylbenzene	48.6		"	50.0		97.2	84-125				
1,2-Dibromo-3-chloropropane	50.2		"	50.0		100	74-142				
1,2-Dibromoethane	51.2		"	50.0		102	86-123				
1,2-Dichlorobenzene	49.0		"	50.0		98.1	85-122				
1,2-Dichloroethane	50.2		"	50.0		100	71-133				
1,2-Dichloropropane	48.9		"	50.0		97.8	81-122				
1,3,5-Trimethylbenzene	49.3		"	50.0		98.7	82-126				
1,3-Dichlorobenzene	48.4		"	50.0		96.8	84-124				
1,4-Dichlorobenzene	46.5		"	50.0		93.1	84-124				
1,4-Dioxane	1730		"	1050		165	10-228				
2-Butanone	43.5		"	50.0		87.0	58-147				
2-Hexanone	43.3		"	50.0		86.6	70-139				
4-Methyl-2-pentanone	51.5		"	50.0		103	72-132				
Acetone	90.0		"	50.0		180	36-155	High Bias			
Acrolein	86.9		"	50.0		174	10-238				
Acrylonitrile	48.5		"	50.0		97.0	66-141				
Benzene	47.7		"	50.0		95.5	77-127				
Bromochloromethane	48.8		"	50.0		97.7	74-129				
Bromodichloromethane	50.6		"	50.0		101	81-124				
Bromoform	47.6		"	50.0		95.2	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS (BI41481-BS1)							Prepared & Analyzed: 09/24/2024				
Bromomethane	44.3		ug/L	50.0		88.6	32-177				
Carbon disulfide	41.4		"	50.0		82.9	10-136				
Carbon tetrachloride	47.3		"	50.0		94.6	66-143				
Chlorobenzene	48.0		"	50.0		96.0	86-120				
Chloroethane	44.3		"	50.0		88.6	51-142				
Chloroform	48.0		"	50.0		96.1	76-131				
Chloromethane	38.0		"	50.0		76.0	49-132				
cis-1,2-Dichloroethylene	46.7		"	50.0		93.4	74-132				
cis-1,3-Dichloropropylene	48.7		"	50.0		97.4	81-129				
Cyclohexane	42.8		"	50.0		85.6	70-130				
Dibromochloromethane	50.2		"	50.0		100	10-200				
Dibromomethane	48.9		"	50.0		97.7	83-124				
Dichlorodifluoromethane	24.7		"	50.0		49.3	28-158				
Ethyl Benzene	48.2		"	50.0		96.4	84-125				
Hexachlorobutadiene	42.7		"	50.0		85.4	83-133				
Isopropylbenzene	48.2		"	50.0		96.4	81-127				
Methyl acetate	43.5		"	50.0		87.1	41-143				
Methyl tert-butyl ether (MTBE)	48.4		"	50.0		96.7	74-131				
Methylcyclohexane	42.3		"	50.0		84.6	70-130				
Methylene chloride	41.7		"	50.0		83.3	57-141				
n-Butylbenzene	47.5		"	50.0		94.9	80-130				
n-Propylbenzene	47.6		"	50.0		95.3	74-136				
o-Xylene	48.2		"	50.0		96.3	83-123				
p- & m- Xylenes	95.3		"	100		95.3	82-128				
p-Isopropyltoluene	46.9		"	50.0		93.8	85-125				
sec-Butylbenzene	47.5		"	50.0		94.9	83-125				
Styrene	50.7		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	235		"	250		94.1	70-130				
tert-Butylbenzene	46.8		"	50.0		93.5	80-127				
Tetrachloroethylene	44.4		"	50.0		88.9	80-129				
Toluene	47.7		"	50.0		95.4	85-121				
trans-1,2-Dichloroethylene	44.4		"	50.0		88.8	72-132				
trans-1,3-Dichloropropylene	49.6		"	50.0		99.3	78-132				
Trichloroethylene	46.6		"	50.0		93.1	84-123				
Trichlorofluoromethane	45.4		"	50.0		90.7	62-140				
Vinyl Chloride	40.4		"	50.0		80.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS (BI41481-BS2)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	53.0		ug/L	50.0		106	75-129				
1,1,1-Trichloroethane	48.0		"	50.0		95.9	71-137				
1,1,2,2-Tetrachloroethane	51.9		"	50.0		104	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.0		"	50.0		92.0	58-146				
1,1,2-Trichloroethane	50.0		"	50.0		100	83-123				
1,1-Dichloroethane	46.8		"	50.0		93.6	75-130				
1,1-Dichloroethylene	47.7		"	50.0		95.4	64-137				
1,2,3-Trichlorobenzene	51.3		"	50.0		103	81-140				
1,2,3-Trichloropropane	49.2		"	50.0		98.4	81-126				
1,2,4-Trichlorobenzene	52.2		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	50.6		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	47.4		"	50.0		94.8	74-142				
1,2-Dibromoethane	51.7		"	50.0		103	86-123				
1,2-Dichlorobenzene	50.1		"	50.0		100	85-122				
1,2-Dichloroethane	50.3		"	50.0		101	71-133				
1,2-Dichloropropane	49.7		"	50.0		99.4	81-122				
1,3,5-Trimethylbenzene	51.5		"	50.0		103	82-126				
1,3-Dichlorobenzene	52.9		"	50.0		106	84-124				
1,4-Dichlorobenzene	48.4		"	50.0		96.9	84-124				
1,4-Dioxane	1670		"	1050		159	10-228				
2-Butanone	46.4		"	50.0		92.8	58-147				
2-Hexanone	45.8		"	50.0		91.5	70-139				
4-Methyl-2-pentanone	50.2		"	50.0		100	72-132				
Acetone	94.9		"	50.0		190	36-155	High Bias			
Acrolein	105		"	50.0		209	10-238				
Acrylonitrile	50.3		"	50.0		101	66-141				
Benzene	49.6		"	50.0		99.2	77-127				
Bromochloromethane	49.8		"	50.0		99.5	74-129				
Bromodichloromethane	51.3		"	50.0		103	81-124				
Bromoform	48.3		"	50.0		96.5	80-136				
Bromomethane	21.6		"	50.0		43.1	32-177				
Carbon disulfide	45.9		"	50.0		91.7	10-136				
Carbon tetrachloride	51.8		"	50.0		104	66-143				
Chlorobenzene	49.2		"	50.0		98.3	86-120				
Chloroethane	40.3		"	50.0		80.6	51-142				
Chloroform	49.6		"	50.0		99.2	76-131				
Chloromethane	40.0		"	50.0		80.0	49-132				
cis-1,2-Dichloroethylene	48.3		"	50.0		96.5	74-132				
cis-1,3-Dichloropropylene	50.2		"	50.0		100	81-129				
Cyclohexane	45.4		"	50.0		90.8	70-130				
Dibromochloromethane	50.5		"	50.0		101	10-200				
Dibromomethane	49.6		"	50.0		99.3	83-124				
Dichlorodifluoromethane	26.4		"	50.0		52.8	28-158				
Ethyl Benzene	49.6		"	50.0		99.2	84-125				
Hexachlorobutadiene	49.7		"	50.0		99.4	83-133				
Isopropylbenzene	50.5		"	50.0		101	81-127				
Methyl acetate	45.0		"	50.0		89.9	41-143				
Methyl tert-butyl ether (MTBE)	48.9		"	50.0		97.8	74-131				
Methylcyclohexane	44.6		"	50.0		89.3	70-130				
Methylene chloride	152		"	50.0		303	57-141	High Bias			
n-Butylbenzene	51.6		"	50.0		103	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

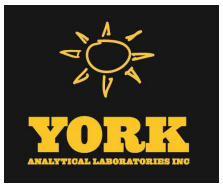
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS (BI41481-BS2)								Prepared & Analyzed: 09/24/2024			
n-Propylbenzene	50.1		ug/L	50.0		100	74-136				
o-Xylene	49.3		"	50.0		98.6	83-123				
p- & m- Xylenes	98.0		"	100		98.0	82-128				
p-Isopropyltoluene	51.0		"	50.0		102	85-125				
sec-Butylbenzene	50.8		"	50.0		102	83-125				
Styrene	53.8		"	50.0		108	86-126				
tert-Butyl alcohol (TBA)	235		"	250		94.1	70-130				
tert-Butylbenzene	49.4		"	50.0		98.8	80-127				
Tetrachloroethylene	40.3		"	50.0		80.6	80-129				
Toluene	49.1		"	50.0		98.1	85-121				
trans-1,2-Dichloroethylene	47.6		"	50.0		95.2	72-132				
trans-1,3-Dichloropropylene	50.8		"	50.0		102	78-132				
Trichloroethylene	48.5		"	50.0		97.1	84-123				
Trichlorofluoromethane	48.2		"	50.0		96.5	62-140				
Vinyl Chloride	42.8		"	50.0		85.7	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				
LCS Dup (BI41481-BSD1)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	52.1		ug/L	50.0		104	75-129		3.68	30	
1,1,1-Trichloroethane	47.9		"	50.0		95.7	71-137		5.52	30	
1,1,2,2-Tetrachloroethane	51.1		"	50.0		102	79-129		0.137	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.9		"	50.0		87.9	58-146		6.36	30	
1,1,2-Trichloroethane	50.1		"	50.0		100	83-123		0.801	30	
1,1-Dichloroethane	46.1		"	50.0		92.3	75-130		4.50	30	
1,1-Dichloroethylene	46.2		"	50.0		92.4	64-137		5.93	30	
1,2,3-Trichlorobenzene	49.7		"	50.0		99.4	81-140		2.59	30	
1,2,3-Trichloropropane	50.2		"	50.0		100	81-126		1.12	30	
1,2,4-Trichlorobenzene	50.6		"	50.0		101	80-141		4.32	30	
1,2,4-Trimethylbenzene	52.1		"	50.0		104	84-125		6.97	30	
1,2-Dibromo-3-chloropropane	49.0		"	50.0		97.9	74-142		2.56	30	
1,2-Dibromoethane	51.0		"	50.0		102	86-123		0.587	30	
1,2-Dichlorobenzene	51.1		"	50.0		102	85-122		4.13	30	
1,2-Dichloroethane	50.5		"	50.0		101	71-133		0.596	30	
1,2-Dichloropropane	51.1		"	50.0		102	81-122		4.34	30	
1,3,5-Trimethylbenzene	52.9		"	50.0		106	82-126		6.89	30	
1,3-Dichlorobenzene	50.9		"	50.0		102	84-124		5.05	30	
1,4-Dichlorobenzene	49.2		"	50.0		98.4	84-124		5.56	30	
1,4-Dioxane	1650		"	1050		157	10-228		4.44	30	
2-Butanone	42.2		"	50.0		84.3	58-147		3.13	30	
2-Hexanone	41.8		"	50.0		83.6	70-139		3.46	30	
4-Methyl-2-pentanone	50.0		"	50.0		100	72-132		2.96	30	
Acetone	86.2		"	50.0		172	36-155	High Bias	4.29	30	
Acrolein	86.2		"	50.0		172	10-238		0.774	30	
Acrylonitrile	46.2		"	50.0		92.3	66-141		4.96	30	
Benzene	49.6		"	50.0		99.3	77-127		3.94	30	
Bromochloromethane	49.1		"	50.0		98.2	74-129		0.531	30	
Bromodichloromethane	52.2		"	50.0		104	81-124		2.98	30	
Bromoform	46.8		"	50.0		93.5	80-136		1.76	30	
Bromomethane	45.6		"	50.0		91.2	32-177		2.89	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS Dup (BI41481-BSD1)							Prepared & Analyzed: 09/24/2024				
Carbon disulfide	43.9		ug/L	50.0		87.8	10-136		5.72	30	
Carbon tetrachloride	49.8		"	50.0		99.6	66-143		5.21	30	
Chlorobenzene	50.0		"	50.0		99.9	86-120		4.02	30	
Chloroethane	46.6		"	50.0		93.2	51-142		5.06	30	
Chloroform	49.8		"	50.0		99.7	76-131		3.68	30	
Chloromethane	40.6		"	50.0		81.2	49-132		6.64	30	
cis-1,2-Dichloroethylene	49.1		"	50.0		98.1	74-132		4.97	30	
cis-1,3-Dichloropropylene	50.4		"	50.0		101	81-129		3.51	30	
Cyclohexane	45.0		"	50.0		90.1	70-130		5.08	30	
Dibromochloromethane	50.7		"	50.0		101	10-200		0.931	30	
Dibromomethane	48.9		"	50.0		97.9	83-124		0.143	30	
Dichlorodifluoromethane	26.8		"	50.0		53.7	28-158		8.47	30	
Ethyl Benzene	51.0		"	50.0		102	84-125		5.59	30	
Hexachlorobutadiene	45.8		"	50.0		91.6	83-133		7.10	30	
Isopropylbenzene	52.1		"	50.0		104	81-127		7.82	30	
Methyl acetate	41.1		"	50.0		82.2	41-143		5.72	30	
Methyl tert-butyl ether (MTBE)	48.3		"	50.0		96.7	74-131		0.0620	30	
Methylcyclohexane	44.8		"	50.0		89.6	70-130		5.74	30	
Methylene chloride	42.8		"	50.0		85.6	57-141		2.63	30	
n-Butylbenzene	51.1		"	50.0		102	80-130		7.41	30	
n-Propylbenzene	51.4		"	50.0		103	74-136		7.63	30	
o-Xylene	50.9		"	50.0		102	83-123		5.47	30	
p- & m- Xylenes	100		"	100		100	82-128		5.24	30	
p-Isopropyltoluene	50.4		"	50.0		101	85-125		7.19	30	
sec-Butylbenzene	51.4		"	50.0		103	83-125		8.03	30	
Styrene	52.8		"	50.0		106	86-126		4.11	30	
tert-Butyl alcohol (TBA)	226		"	250		90.5	70-130		3.97	30	
tert-Butylbenzene	50.4		"	50.0		101	80-127		7.51	30	
Tetrachloroethylene	46.9		"	50.0		93.7	80-129		5.30	30	
Toluene	50.4		"	50.0		101	85-121		5.42	30	
trans-1,2-Dichloroethylene	46.5		"	50.0		93.0	72-132		4.58	30	
trans-1,3-Dichloropropylene	50.1		"	50.0		100	78-132		0.863	30	
Trichloroethylene	49.5		"	50.0		99.0	84-123		6.10	30	
Trichlorofluoromethane	47.5		"	50.0		95.0	62-140		4.59	30	
Vinyl Chloride	43.2		"	50.0		86.4	52-130		6.58	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*98.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS Dup (BI41481-BSD2)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	58.8		ug/L	50.0		118	75-129		10.5	30	
1,1,1-Trichloroethane	53.5		"	50.0		107	71-137		10.9	30	
1,1,2,2-Tetrachloroethane	58.4		"	50.0		117	79-129		11.8	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.7		"	50.0		99.3	58-146		7.69	30	
1,1,2-Trichloroethane	55.5		"	50.0		111	83-123		10.4	30	
1,1-Dichloroethane	52.3		"	50.0		105	75-130		11.1	30	
1,1-Dichloroethylene	52.1		"	50.0		104	64-137		8.74	30	
1,2,3-Trichlorobenzene	56.5		"	50.0		113	81-140		9.74	30	
1,2,3-Trichloropropane	56.5		"	50.0		113	81-126		13.7	30	
1,2,4-Trichlorobenzene	57.7		"	50.0		115	80-141		9.86	30	
1,2,4-Trimethylbenzene	55.5		"	50.0		111	84-125		9.23	30	
1,2-Dibromo-3-chloropropane	53.5		"	50.0		107	74-142		12.0	30	
1,2-Dibromoethane	57.6		"	50.0		115	86-123		10.7	30	
1,2-Dichlorobenzene	54.9		"	50.0		110	85-122		9.28	30	
1,2-Dichloroethane	56.5		"	50.0		113	71-133		11.5	30	
1,2-Dichloropropane	54.6		"	50.0		109	81-122		9.43	30	
1,3,5-Trimethylbenzene	56.8		"	50.0		114	82-126		9.68	30	
1,3-Dichlorobenzene	58.0		"	50.0		116	84-124		9.13	30	
1,4-Dichlorobenzene	53.5		"	50.0		107	84-124		9.85	30	
1,4-Dioxane	1890		"	1050		180	10-228		12.2	30	
2-Butanone	51.8		"	50.0		104	58-147		10.9	30	
2-Hexanone	53.8		"	50.0		108	70-139		16.1	30	
4-Methyl-2-pentanone	57.0		"	50.0		114	72-132		12.7	30	
Acetone	107		"	50.0		214	36-155	High Bias	12.1	30	
Acrolein	120		"	50.0		241	10-238	High Bias	14.1	30	
Acrylonitrile	58.1		"	50.0		116	66-141		14.4	30	
Benzene	55.0		"	50.0		110	77-127		10.2	30	
Bromochloromethane	55.3		"	50.0		111	74-129		10.6	30	
Bromodichloromethane	56.9		"	50.0		114	81-124		10.4	30	
Bromoform	54.0		"	50.0		108	80-136		11.3	30	
Bromomethane	22.7		"	50.0		45.5	32-177		5.33	30	
Carbon disulfide	50.6		"	50.0		101	10-136		9.77	30	
Carbon tetrachloride	56.8		"	50.0		114	66-143		9.21	30	
Chlorobenzene	54.4		"	50.0		109	86-120		10.2	30	
Chloroethane	41.3		"	50.0		82.6	51-142		2.45	30	
Chloroform	55.1		"	50.0		110	76-131		10.5	30	
Chloromethane	43.0		"	50.0		86.0	49-132		7.16	30	
cis-1,2-Dichloroethylene	54.2		"	50.0		108	74-132		11.6	30	
cis-1,3-Dichloropropylene	56.0		"	50.0		112	81-129		11.0	30	
Cyclohexane	50.0		"	50.0		100	70-130		9.66	30	
Dibromochloromethane	57.1		"	50.0		114	10-200		12.3	30	
Dibromomethane	54.8		"	50.0		110	83-124		9.94	30	
Dichlorodifluoromethane	28.4		"	50.0		56.8	28-158		7.30	30	
Ethyl Benzene	54.8		"	50.0		110	84-125		10.1	30	
Hexachlorobutadiene	54.8		"	50.0		110	83-133		9.81	30	
Isopropylbenzene	55.2		"	50.0		110	81-127		8.80	30	
Methyl acetate	51.7		"	50.0		103	41-143		13.9	30	
Methyl tert-butyl ether (MTBE)	56.2		"	50.0		112	74-131		13.9	30	
Methylcyclohexane	49.1		"	50.0		98.2	70-130		9.45	30	
Methylene chloride	140		"	50.0		279	57-141	High Bias	8.28	30	
n-Butylbenzene	56.1		"	50.0		112	80-130		8.39	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41481 - EPA 5035A											
LCS Dup (BI41481-BSD2)								Prepared & Analyzed: 09/24/2024			
n-Propylbenzene	54.8		ug/L	50.0		110	74-136		8.96	30	
o-Xylene	54.3		"	50.0		109	83-123		9.61	30	
p- & m- Xylenes	108		"	100		108	82-128		10.1	30	
p-Isopropyltoluene	55.8		"	50.0		112	85-125		8.99	30	
sec-Butylbenzene	55.2		"	50.0		110	83-125		8.15	30	
Styrene	59.5		"	50.0		119	86-126		10.1	30	
tert-Butyl alcohol (TBA)	264		"	250		106	70-130		11.6	30	
tert-Butylbenzene	54.1		"	50.0		108	80-127		8.99	30	
Tetrachloroethylene	44.5		"	50.0		88.9	80-129		9.79	30	
Toluene	54.3		"	50.0		109	85-121		10.2	30	
trans-1,2-Dichloroethylene	52.5		"	50.0		105	72-132		9.79	30	
trans-1,3-Dichloropropylene	57.1		"	50.0		114	78-132		11.5	30	
Trichloroethylene	53.4		"	50.0		107	84-123		9.63	30	
Trichlorofluoromethane	51.3		"	50.0		103	62-140		6.11	30	
Vinyl Chloride	45.8		"	50.0		91.5	52-130		6.61	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*98.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				
Batch BI41506 - EPA 5030B											
Blank (BI41506-BLK1)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41506 - EPA 5030B											
Blank (BI41506-BLK1)											Prepared & Analyzed: 09/24/2024
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	0.650	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.06*		*"*	*10.0*		*90.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41506 - EPA 5030B											
LCS (BI41506-BS1)								Prepared & Analyzed: 09/24/2024			
1,1,1,2-Tetrachloroethane	8.50		ug/L	10.0		85.0	82-126				
1,1,1-Trichloroethane	8.75		"	10.0		87.5	78-136				
1,1,2,2-Tetrachloroethane	8.29		"	10.0		82.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.55		"	10.0		85.5	54-165				
1,1,2-Trichloroethane	8.03		"	10.0		80.3	82-123	Low Bias			
1,1-Dichloroethane	8.34		"	10.0		83.4	82-129				
1,1-Dichloroethylene	8.24		"	10.0		82.4	68-138				
1,2,3-Trichlorobenzene	8.43		"	10.0		84.3	76-136				
1,2,3-Trichloropropane	8.86		"	10.0		88.6	77-128				
1,2,4-Trichlorobenzene	8.64		"	10.0		86.4	76-137				
1,2,4-Trimethylbenzene	8.79		"	10.0		87.9	82-132				
1,2-Dibromo-3-chloropropane	8.59		"	10.0		85.9	45-147				
1,2-Dibromoethane	8.07		"	10.0		80.7	83-124	Low Bias			
1,2-Dichlorobenzene	8.67		"	10.0		86.7	79-123				
1,2-Dichloroethane	8.53		"	10.0		85.3	73-132				
1,2-Dichloropropane	8.42		"	10.0		84.2	78-126				
1,3,5-Trimethylbenzene	9.09		"	10.0		90.9	80-131				
1,3-Dichlorobenzene	8.77		"	10.0		87.7	86-122				
1,4-Dichlorobenzene	8.61		"	10.0		86.1	85-124				
1,4-Dioxane	224		"	210		107	10-349				
2-Butanone	8.11		"	10.0		81.1	49-152				
2-Hexanone	6.51		"	10.0		65.1	51-146				
4-Methyl-2-pentanone	7.63		"	10.0		76.3	57-145				
Acetone	15.0		"	10.0		150	14-150				
Acrolein	18.3		"	10.0		183	10-153	High Bias			
Acrylonitrile	10.4		"	10.0		104	51-150				
Benzene	9.00		"	10.0		90.0	85-126				
Bromochloromethane	8.39		"	10.0		83.9	77-128				
Bromodichloromethane	8.36		"	10.0		83.6	79-128				
Bromoform	8.44		"	10.0		84.4	78-133				
Bromomethane	6.26		"	10.0		62.6	43-168				
Carbon disulfide	8.01		"	10.0		80.1	68-146				
Carbon tetrachloride	8.77		"	10.0		87.7	77-141				
Chlorobenzene	8.88		"	10.0		88.8	88-120				
Chloroethane	8.30		"	10.0		83.0	65-136				
Chloroform	8.72		"	10.0		87.2	82-128				
Chloromethane	5.91		"	10.0		59.1	43-155				
cis-1,2-Dichloroethylene	8.39		"	10.0		83.9	83-129				
cis-1,3-Dichloropropylene	7.90		"	10.0		79.0	80-131	Low Bias			
Cyclohexane	8.14		"	10.0		81.4	63-149				
Dibromochloromethane	8.45		"	10.0		84.5	80-130				
Dibromomethane	7.99		"	10.0		79.9	72-134				
Dichlorodifluoromethane	4.44		"	10.0		44.4	44-144				
Ethyl Benzene	8.87		"	10.0		88.7	80-131				
Hexachlorobutadiene	8.89		"	10.0		88.9	67-146				
Isopropylbenzene	9.02		"	10.0		90.2	76-140				
Methyl acetate	7.00		"	10.0		70.0	51-139				
Methyl tert-butyl ether (MTBE)	7.95		"	10.0		79.5	76-135				
Methylcyclohexane	8.14		"	10.0		81.4	72-143				
Methylene chloride	9.32		"	10.0		93.2	55-137				
n-Butylbenzene	8.89		"	10.0		88.9	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41506 - EPA 5030B											
LCS (BI41506-BS1)								Prepared & Analyzed: 09/24/2024			
n-Propylbenzene	8.80		ug/L	10.0		88.0	78-133				
o-Xylene	8.62		"	10.0		86.2	78-130				
p- & m- Xylenes	17.7		"	20.0		88.3	77-133				
p-Isopropyltoluene	9.39		"	10.0		93.9	81-136				
sec-Butylbenzene	9.06		"	10.0		90.6	79-137				
Styrene	8.58		"	10.0		85.8	67-132				
tert-Butyl alcohol (TBA)	40.0		"	50.0		79.9	25-162				
tert-Butylbenzene	9.03		"	10.0		90.3	77-138				
Tetrachloroethylene	4.90		"	10.0		49.0	82-131	Low Bias			
Toluene	8.86		"	10.0		88.6	80-127				
trans-1,2-Dichloroethylene	8.41		"	10.0		84.1	80-132				
trans-1,3-Dichloropropylene	7.90		"	10.0		79.0	78-131				
Trichloroethylene	9.38		"	10.0		93.8	82-128				
Trichlorofluoromethane	8.60		"	10.0		86.0	67-139				
Vinyl Chloride	6.85		"	10.0		68.5	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.28*		*"*	*10.0*		*92.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.69*		*"*	*10.0*		*96.9*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41187 - EPA 3550C											
Blank (BI41187-BLK1)											Prepared: 09/19/2024 Analyzed: 09/20/2024
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41187 - EPA 3550C											
Blank (BI41187-BLK1)											Prepared: 09/19/2024 Analyzed: 09/20/2024
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
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	*1.23*		"	*1.66*		*74.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.17*		"	*1.66*		*70.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.702*		"	*0.831*		*84.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.615*		"	*0.831*		*74.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.11*		"	*1.66*		*66.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.651*		"	*0.831*		*78.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41187 - EPA 3550C											
LCS (BI41187-BS1)									Prepared: 09/19/2024 Analyzed: 09/20/2024		
1,1-Biphenyl	0.687	0.0416	mg/kg wet	0.831		82.7	18-111				
1,2,4,5-Tetrachlorobenzene	0.629	0.0830	"	0.831		75.7	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.599	0.0416	"	1.25		48.1	17-137				
2,3,4,6-Tetrachlorophenol	0.872	0.0830	"	1.25		70.0	30-130				
2,4,5-Trichlorophenol	0.663	0.0416	"	1.25		53.3	27-118				
2,4,6-Trichlorophenol	0.671	0.0416	"	1.25		53.9	31-120				
2,4-Dichlorophenol	0.659	0.0416	"	1.25		52.9	20-127				
2,4-Dimethylphenol	0.553	0.0416	"	1.25		44.4	14-132				
2,4-Dinitrophenol	0.717	0.0830	"	1.25		57.5	10-171				
2,4-Dinitrotoluene	0.701	0.0416	"	1.25		56.2	34-131				
2,6-Dinitrotoluene	0.692	0.0416	"	1.25		55.6	31-128				
2-Chloronaphthalene	0.628	0.0416	"	1.25		50.4	31-117				
2-Chlorophenol	0.655	0.0416	"	1.25		52.6	33-113				
2-Methylnaphthalene	0.614	0.0416	"	1.25		49.3	12-138				
2-Methylphenol	0.654	0.0416	"	1.25		52.5	10-136				
2-Nitroaniline	0.728	0.0830	"	1.25		58.5	27-132				
2-Nitrophenol	0.734	0.0416	"	1.25		58.9	17-129				
3- & 4-Methylphenols	0.595	0.0416	"	1.25		47.8	29-103				
3,3-Dichlorobenzidine	0.586	0.0416	"	0.831		70.6	22-149				
3-Nitroaniline	0.585	0.0830	"	1.25		47.0	20-133				
4,6-Dinitro-2-methylphenol	0.559	0.0830	"	1.25		44.9	10-143				
4-Bromophenyl phenyl ether	0.520	0.0416	"	1.25		41.7	29-120				
4-Chloro-3-methylphenol	0.696	0.0416	"	1.25		55.9	24-129				
4-Chloroaniline	0.489	0.0416	"	1.25		39.2	10-132				
4-Chlorophenyl phenyl ether	0.623	0.0416	"	1.25		50.0	27-124				
4-Nitroaniline	0.684	0.0830	"	1.25		54.9	16-128				
4-Nitrophenol	0.864	0.0830	"	1.25		69.3	10-141				
Acenaphthene	0.624	0.0416	"	1.25		50.1	30-121				
Acenaphthylene	0.648	0.0416	"	1.25		52.0	30-115				
Acetophenone	0.720	0.0416	"	0.831		86.7	20-112				
Aniline	0.558	0.166	"	1.25		44.8	10-119				
Anthracene	0.631	0.0416	"	1.25		50.7	34-118				
Atrazine	0.654	0.0416	"	0.831		78.8	26-112				
Benzaldehyde	0.632	0.0416	"	0.831		76.1	21-100				
Benzo(a)anthracene	0.698	0.0416	"	1.25		56.1	32-122				
Benzo(a)pyrene	0.702	0.0416	"	1.25		56.4	29-133				
Benzo(b)fluoranthene	0.689	0.0416	"	1.25		55.3	25-133				
Benzo(g,h,i)perylene	0.759	0.0416	"	1.25		61.0	10-143				
Benzo(k)fluoranthene	0.681	0.0416	"	1.25		54.6	25-128				
Benzoic acid	0.983	0.0416	"	0.831		118	10-140				
Benzyl alcohol	0.659	0.0416	"	1.25		52.9	30-115				
Benzyl butyl phthalate	0.780	0.0416	"	1.25		62.6	26-126				
Bis(2-chloroethoxy)methane	0.640	0.0416	"	1.25		51.4	19-132				
Bis(2-chloroethyl)ether	0.600	0.0416	"	1.25		48.1	19-125				
Bis(2-chloroisopropyl)ether	0.672	0.0416	"	1.25		53.9	20-135				
Bis(2-ethylhexyl)phthalate	0.815	0.0416	"	1.25		65.4	10-155				
Caprolactam	0.756	0.0830	"	0.831		91.0	10-127				
Carbazole	0.655	0.0416	"	1.25		52.6	35-123				
Chrysene	0.666	0.0416	"	1.25		53.4	32-123				
Dibenzo(a,h)anthracene	0.776	0.0416	"	1.25		62.3	10-136				
Dibenzofuran	0.654	0.0416	"	1.25		52.5	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41187 - EPA 3550C											
LCS (BI41187-BS1)											
Prepared: 09/19/2024 Analyzed: 09/20/2024											
Diethyl phthalate	0.672	0.0416	mg/kg wet	1.25		54.0	34-116				
Dimethyl phthalate	0.664	0.0416	"	1.25		53.3	35-124				
Di-n-butyl phthalate	0.720	0.0416	"	1.25		57.8	31-116				
Di-n-octyl phthalate	0.892	0.0416	"	1.25		71.6	26-136				
Diphenylamine	0.656	0.0830	"	1.25		52.7	40-140				
Fluoranthene	0.671	0.0416	"	1.25		53.9	33-122				
Fluorene	0.655	0.0416	"	1.25		52.6	29-123				
Hexachlorobenzene	0.614	0.0416	"	1.25		49.3	21-124				
Hexachlorobutadiene	0.594	0.0416	"	1.25		47.7	10-149				
Hexachlorocyclopentadiene	0.286	0.0416	"	1.25		23.0	10-129				
Hexachloroethane	0.633	0.0416	"	1.25		50.8	28-108				
Indeno(1,2,3-cd)pyrene	0.874	0.0416	"	1.25		70.2	10-135				
Isophorone	0.656	0.0416	"	1.25		52.6	20-132				
Naphthalene	0.643	0.0416	"	1.25		51.6	23-124				
Nitrobenzene	0.693	0.0416	"	1.25		55.7	13-132				
N-Nitrosodimethylamine	0.717	0.0416	"	1.25		57.5	11-129				
N-nitroso-di-n-propylamine	0.619	0.0416	"	1.25		49.7	24-119				
N-Nitrosodiphenylamine	0.650	0.0416	"	1.25		52.1	22-152				
Pentachlorophenol	0.630	0.0416	"	1.25		50.6	10-139				
Phenanthrene	0.652	0.0416	"	1.25		52.3	33-123				
Phenol	0.655	0.0416	"	1.25		52.6	23-115				
Pyrene	0.683	0.0416	"	1.25		54.8	24-130				
Pyridine	0.602	0.166	"	1.25		48.3	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.31*		"	*1.66*		*78.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.22*		"	*1.66*		*73.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.716*		"	*0.831*		*86.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.633*		"	*0.831*		*76.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.16*		"	*1.66*		*70.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.687*		"	*0.831*		*82.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

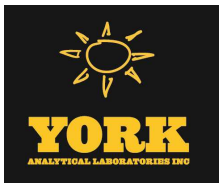
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41192 - EPA 3550C											
Blank (BI41192-BLK1)											
Prepared: 09/19/2024 Analyzed: 09/20/2024											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41192 - EPA 3550C											
Blank (BI41192-BLK1)											Prepared: 09/19/2024 Analyzed: 09/20/2024
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
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	*1.11*		"	*1.66*		*67.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.837*		"	*1.66*		*50.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.615*		"	*0.831*		*74.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.557*		"	*0.831*		*67.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.72*		"	*1.66*		*104*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.655*		"	*0.831*		*78.9*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41192 - EPA 3550C											
LCS (BI41192-BS1)									Prepared: 09/19/2024 Analyzed: 09/20/2024		
1,1-Biphenyl	0.634	0.0416	mg/kg wet	0.831		76.4	18-111				
1,2,4,5-Tetrachlorobenzene	0.686	0.0830	"	0.831		82.6	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.709	0.0416	"	1.25		56.9	17-137				
2,3,4,6-Tetrachlorophenol	0.425	0.0830	"	1.25		34.1	30-130				
2,4,5-Trichlorophenol	0.591	0.0416	"	1.25		47.4	27-118				
2,4,6-Trichlorophenol	0.673	0.0416	"	1.25		54.0	31-120				
2,4-Dichlorophenol	0.685	0.0416	"	1.25		55.0	20-127				
2,4-Dimethylphenol	0.604	0.0416	"	1.25		48.5	14-132				
2,4-Dinitrophenol	0.403	0.0830	"	1.25		32.4	10-171				
2,4-Dinitrotoluene	0.821	0.0416	"	1.25		65.9	34-131				
2,6-Dinitrotoluene	0.800	0.0416	"	1.25		64.2	31-128				
2-Chloronaphthalene	0.622	0.0416	"	1.25		49.9	31-117				
2-Chlorophenol	0.606	0.0416	"	1.25		48.6	33-113				
2-Methylnaphthalene	0.628	0.0416	"	1.25		50.4	12-138				
2-Methylphenol	0.345	0.0416	"	1.25		27.7	10-136				
2-Nitroaniline	0.691	0.0830	"	1.25		55.4	27-132				
2-Nitrophenol	0.800	0.0416	"	1.25		64.2	17-129				
3- & 4-Methylphenols	0.389	0.0416	"	1.25		31.3	29-103				
3,3-Dichlorobenzidine	0.591	0.0416	"	0.831		71.1	22-149				
3-Nitroaniline	0.581	0.0830	"	1.25		46.6	20-133				
4,6-Dinitro-2-methylphenol	1.07	0.0830	"	1.25		86.2	10-143				
4-Bromophenyl phenyl ether	0.769	0.0416	"	1.25		61.8	29-120				
4-Chloro-3-methylphenol	0.731	0.0416	"	1.25		58.7	24-129				
4-Chloroaniline	0.561	0.0416	"	1.25		45.0	10-132				
4-Chlorophenyl phenyl ether	0.677	0.0416	"	1.25		54.3	27-124				
4-Nitroaniline	0.596	0.0830	"	1.25		47.8	16-128				
4-Nitrophenol	1.12	0.0830	"	1.25		89.8	10-141				
Acenaphthene	0.587	0.0416	"	1.25		47.1	30-121				
Acenaphthylene	0.578	0.0416	"	1.25		46.4	30-115				
Acetophenone	0.653	0.0416	"	0.831		78.7	20-112				
Aniline	1.00	0.166	"	1.25		80.7	10-119				
Anthracene	0.660	0.0416	"	1.25		53.0	34-118				
Atrazine	0.800	0.0416	"	0.831		96.3	26-112				
Benzaldehyde	0.673	0.0416	"	0.831		81.0	21-100				
Benzo(a)anthracene	0.606	0.0416	"	1.25		48.6	32-122				
Benzo(a)pyrene	0.631	0.0416	"	1.25		50.7	29-133				
Benzo(b)fluoranthene	0.679	0.0416	"	1.25		54.5	25-133				
Benzo(g,h,i)perylene	0.697	0.0416	"	1.25		56.0	10-143				
Benzo(k)fluoranthene	0.679	0.0416	"	1.25		54.5	25-128				
Benzoic acid	0.550	0.0416	"	0.831		66.3	10-140				
Benzyl alcohol	0.564	0.0416	"	1.25		45.3	30-115				
Benzyl butyl phthalate	0.557	0.0416	"	1.25		44.7	26-126				
Bis(2-chloroethoxy)methane	0.722	0.0416	"	1.25		57.9	19-132				
Bis(2-chloroethyl)ether	1.44	0.0416	"	1.25		116	19-125				
Bis(2-chloroisopropyl)ether	0.713	0.0416	"	1.25		57.2	20-135				
Bis(2-ethylhexyl)phthalate	0.592	0.0416	"	1.25		47.5	10-155				
Caprolactam	0.833	0.0830	"	0.831		100	10-127				
Carbazole	0.606	0.0416	"	1.25		48.7	35-123				
Chrysene	0.621	0.0416	"	1.25		49.9	32-123				
Dibenzo(a,h)anthracene	0.697	0.0416	"	1.25		56.0	10-136				
Dibenzofuran	0.615	0.0416	"	1.25		49.3	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41192 - EPA 3550C											
LCS (BI41192-BS1)								Prepared: 09/19/2024 Analyzed: 09/20/2024			
Diethyl phthalate	0.622	0.0416	mg/kg wet	1.25		49.9	34-116				
Dimethyl phthalate	0.639	0.0416	"	1.25		51.3	35-124				
Di-n-butyl phthalate	0.639	0.0416	"	1.25		51.3	31-116				
Di-n-octyl phthalate	0.581	0.0416	"	1.25		46.6	26-136				
Diphenylamine	0.747	0.0830	"	1.25		60.0	40-140				
Fluoranthene	0.648	0.0416	"	1.25		52.0	33-122				
Fluorene	0.617	0.0416	"	1.25		49.5	29-123				
Hexachlorobenzene	0.610	0.0416	"	1.25		49.0	21-124				
Hexachlorobutadiene	0.734	0.0416	"	1.25		58.9	10-149				
Hexachlorocyclopentadiene	0.466	0.0416	"	1.25		37.4	10-129				
Hexachloroethane	0.645	0.0416	"	1.25		51.7	28-108				
Indeno(1,2,3-cd)pyrene	0.697	0.0416	"	1.25		56.0	10-135				
Isophorone	0.731	0.0416	"	1.25		58.7	20-132				
Naphthalene	0.619	0.0416	"	1.25		49.7	23-124				
Nitrobenzene	0.704	0.0416	"	1.25		56.5	13-132				
N-Nitrosodimethylamine	0.665	0.0416	"	1.25		53.4	11-129				
N-nitroso-di-n-propylamine	0.649	0.0416	"	1.25		52.1	24-119				
N-Nitrosodiphenylamine	0.752	0.0416	"	1.25		60.4	22-152				
Pentachlorophenol	0.0296	0.0416	"	1.25		2.37	10-139	Low Bias			
Phenanthrene	0.644	0.0416	"	1.25		51.7	33-123				
Phenol	0.0551	0.0416	"	1.25		4.43	23-115	Low Bias			
Pyrene	0.588	0.0416	"	1.25		47.2	24-130				
Pyridine	0.555	0.166	"	1.25		44.5	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.25*		*"*	*1.66*		*75.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.11*		*"*	*1.66*		*66.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.758*		*"*	*0.831*		*91.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.651*		*"*	*0.831*		*78.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.17*		*"*	*1.66*		*131*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.719*		*"*	*0.831*		*86.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41192 - EPA 3550C											
Matrix Spike (BI41192-MS1)	*Source sample: 24I0791-01 (SB-35 (1-4))							Prepared: 09/19/2024 Analyzed: 09/20/2024			
1,1-Biphenyl	0.722	0.0440	mg/kg dry	0.880	ND	82.1	10-130				
1,2,4,5-Tetrachlorobenzene	0.791	0.0879	"	0.880	ND	90.0	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.899	0.0440	"	1.32	ND	68.1	10-144				
2,3,4,6-Tetrachlorophenol	0.605	0.0879	"	1.32	ND	45.9	30-130				
2,4,5-Trichlorophenol	0.742	0.0440	"	1.32	ND	56.3	10-127				
2,4,6-Trichlorophenol	0.849	0.0440	"	1.32	ND	64.4	10-132				
2,4-Dichlorophenol	0.794	0.0440	"	1.32	ND	60.2	10-128				
2,4-Dimethylphenol	0.789	0.0440	"	1.32	ND	59.8	10-137				
2,4-Dinitrophenol	0.950	0.0879	"	1.32	ND	72.0	10-171				
2,4-Dinitrotoluene	0.986	0.0440	"	1.32	ND	74.7	16-135				
2,6-Dinitrotoluene	0.946	0.0440	"	1.32	ND	71.7	18-131				
2-Chloronaphthalene	0.701	0.0440	"	1.32	ND	53.1	10-129				
2-Chlorophenol	0.653	0.0440	"	1.32	ND	49.5	15-116				
2-Methylnaphthalene	0.787	0.0440	"	1.32	ND	59.6	10-147				
2-Methylphenol	0.362	0.0440	"	1.32	ND	27.5	10-136				
2-Nitroaniline	0.781	0.0879	"	1.32	ND	59.2	10-137				
2-Nitrophenol	0.932	0.0440	"	1.32	ND	70.6	10-129				
3- & 4-Methylphenols	0.419	0.0440	"	1.32	ND	31.8	10-123				
3,3-Dichlorobenzidine	0.0725	0.0440	"	0.880	ND	8.24	10-155	Low Bias			
3-Nitroaniline	0.581	0.0879	"	1.32	ND	44.0	12-133				
4,6-Dinitro-2-methylphenol	1.54	0.0879	"	1.32	ND	117	10-155				
4-Bromophenyl phenyl ether	0.908	0.0440	"	1.32	ND	68.8	14-128				
4-Chloro-3-methylphenol	0.854	0.0440	"	1.32	ND	64.7	10-134				
4-Chloroaniline	0.492	0.0440	"	1.32	ND	37.3	10-145				
4-Chlorophenyl phenyl ether	0.791	0.0440	"	1.32	ND	60.0	14-130				
4-Nitroaniline	0.548	0.0879	"	1.32	ND	41.6	10-147				
4-Nitrophenol	1.09	0.0879	"	1.32	ND	82.9	10-137				
Acenaphthene	0.734	0.0440	"	1.32	ND	55.6	10-146				
Acenaphthylene	0.705	0.0440	"	1.32	ND	53.4	10-134				
Acetophenone	0.749	0.0440	"	0.880	ND	85.1	10-116				
Aniline	0.947	0.176	"	1.32	ND	71.8	10-123				
Anthracene	0.776	0.0440	"	1.32	0.0783	52.9	10-142				
Atrazine	0.942	0.0440	"	0.880	ND	107	19-115				
Benzaldehyde	0.714	0.0440	"	0.880	ND	81.2	10-125				
Benzo(a)anthracene	0.725	0.0440	"	1.32	0.181	41.3	10-158				
Benzo(a)pyrene	0.734	0.0440	"	1.32	0.152	44.1	10-180				
Benzo(b)fluoranthene	0.807	0.0440	"	1.32	0.136	50.8	10-200				
Benzo(g,h,i)perylene	0.795	0.0440	"	1.32	0.117	51.4	10-138				
Benzo(k)fluoranthene	0.807	0.0440	"	1.32	0.140	50.6	10-197				
Benzoic acid	0.844	0.0440	"	0.880	ND	95.9	10-166				
Benzyl alcohol	0.590	0.0440	"	1.32	ND	44.7	12-124				
Benzyl butyl phthalate	0.691	0.0440	"	1.32	ND	52.4	10-154				
Bis(2-chloroethoxy)methane	0.828	0.0440	"	1.32	ND	62.8	10-132				
Bis(2-chloroethyl)ether	1.36	0.0440	"	1.32	ND	103	10-119				
Bis(2-chloroisopropyl)ether	0.812	0.0440	"	1.32	ND	61.5	10-139				
Bis(2-ethylhexyl)phthalate	0.707	0.0440	"	1.32	0.0245	51.7	10-167				
Caprolactam	0.392	0.0879	"	0.880	ND	44.5	10-132				
Carbazole	0.762	0.0440	"	1.32	0.0433	54.5	10-167				
Chrysene	0.728	0.0440	"	1.32	0.189	40.8	10-156				
Dibenzo(a,h)anthracene	0.783	0.0440	"	1.32	0.0273	57.3	10-137				
Dibenzofuran	0.755	0.0440	"	1.32	ND	57.2	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41192 - EPA 3550C											
Matrix Spike (BI41192-MS1)	*Source sample: 24I0791-01 (SB-35 (1-4))							Prepared: 09/19/2024 Analyzed: 09/20/2024			
Diethyl phthalate	0.749	0.0440	mg/kg dry	1.32	ND	56.8	20-120				
Dimethyl phthalate	0.767	0.0440	"	1.32	ND	58.1	18-131				
Di-n-butyl phthalate	0.775	0.0440	"	1.32	ND	58.8	10-137				
Di-n-octyl phthalate	0.706	0.0440	"	1.32	ND	53.5	10-180				
Diphenylamine	0.885	0.0879	"	1.32	ND	67.1	40-140				
Fluoranthene	0.789	0.0440	"	1.32	0.426	27.5	10-160				
Fluorene	0.767	0.0440	"	1.32	0.0245	56.3	10-157				
Hexachlorobenzene	0.705	0.0440	"	1.32	ND	53.4	10-137				
Hexachlorobutadiene	0.795	0.0440	"	1.32	ND	60.3	10-132				
Hexachlorocyclopentadiene	0.624	0.0440	"	1.32	ND	47.3	10-106				
Hexachloroethane	0.645	0.0440	"	1.32	ND	48.9	10-110				
Indeno(1,2,3-cd)pyrene	0.795	0.0440	"	1.32	0.117	51.4	10-144				
Isophorone	0.875	0.0440	"	1.32	ND	66.3	10-132				
Naphthalene	0.787	0.0440	"	1.32	0.0238	57.9	10-141				
Nitrobenzene	0.872	0.0440	"	1.32	ND	66.1	10-131				
N-Nitrosodimethylamine	0.551	0.0440	"	1.32	ND	41.8	10-126				
N-nitroso-di-n-propylamine	0.748	0.0440	"	1.32	ND	56.7	10-125				
N-Nitrosodiphenylamine	0.889	0.0440	"	1.32	ND	67.4	10-177				
Pentachlorophenol	0.333	0.0440	"	1.32	ND	25.2	10-153				
Phenanthrene	0.809	0.0440	"	1.32	0.373	33.0	10-148				
Phenol	0.0485	0.0440	"	1.32	ND	3.68	10-126	Low Bias			
Pyrene	0.692	0.0440	"	1.32	0.418	20.7	10-165				
Pyridine	0.556	0.176	"	1.32	ND	42.1	10-83				
Surrogate: SURR: 2-Fluorophenol	*0.869*		"	*1.76*		*49.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.600*		"	*1.76*		*34.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.738*		"	*0.880*		*83.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.618*		"	*0.880*		*70.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.23*		"	*1.76*		*127*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.709*		"	*0.880*		*80.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41192 - EPA 3550C											
Matrix Spike (BI41192-MS2)	*Source sample: 24I0791-05 (SB-15 (20-23))							Prepared: 09/19/2024 Analyzed: 09/20/2024			
1,1-Biphenyl	0.0454	0.0888	mg/kg dry	0.888	ND	5.12	10-130	Low Bias			
1,2,4,5-Tetrachlorobenzene	0.734	0.177	"	0.888	ND	82.6	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.635	0.0888	"	1.33	ND	47.7	10-144				
2,3,4,6-Tetrachlorophenol	1.31	0.177	"	1.33	ND	98.4	30-130				
2,4,5-Trichlorophenol	0.869	0.0888	"	1.33	ND	65.3	10-127				
2,4,6-Trichlorophenol	1.13	0.0888	"	1.33	ND	84.9	10-132				
2,4-Dichlorophenol	0.827	0.0888	"	1.33	ND	62.1	10-128				
2,4-Dimethylphenol	0.659	0.0888	"	1.33	ND	49.5	10-137				
2,4-Dinitrophenol	0.322	0.177	"	1.33	ND	24.2	10-171				
2,4-Dinitrotoluene	1.44	0.0888	"	1.33	ND	108	16-135				
2,6-Dinitrotoluene	0.900	0.0888	"	1.33	ND	67.6	18-131				
2-Chloronaphthalene	0.863	0.0888	"	1.33	ND	64.9	10-129				
2-Chlorophenol	0.655	0.0888	"	1.33	ND	49.2	15-116				
2-Methylnaphthalene	5.03	0.0888	"	1.33	2.53	187	10-147	High Bias			
2-Methylphenol	0.646	0.0888	"	1.33	ND	48.5	10-136				
2-Nitroaniline	0.673	0.177	"	1.33	ND	50.6	10-137				
2-Nitrophenol	0.856	0.0888	"	1.33	ND	64.3	10-129				
3- & 4-Methylphenols	0.559	0.0888	"	1.33	ND	42.0	10-123				
3,3-Dichlorobenzidine	1.14	0.0888	"	0.888	ND	128	10-155				
3-Nitroaniline	0.673	0.177	"	1.33	ND	50.6	12-133				
4,6-Dinitro-2-methylphenol	0.290	0.177	"	1.33	ND	21.8	10-155				
4-Bromophenyl phenyl ether	0.791	0.0888	"	1.33	ND	59.4	14-128				
4-Chloro-3-methylphenol	0.984	0.0888	"	1.33	ND	73.9	10-134				
4-Chloroaniline	0.937	0.0888	"	1.33	ND	70.4	10-145				
4-Chlorophenyl phenyl ether	0.819	0.0888	"	1.33	ND	61.5	14-130				
4-Nitroaniline	0.521	0.177	"	1.33	ND	39.1	10-147				
4-Nitrophenol	0.584	0.177	"	1.33	ND	43.9	10-137				
Acenaphthene	1.06	0.0888	"	1.33	0.393	50.1	10-146				
Acenaphthylene	0.939	0.0888	"	1.33	0.224	53.7	10-134				
Acetophenone	0.667	0.0888	"	0.888	ND	75.1	10-116				
Aniline	0.543	0.356	"	1.33	ND	40.8	10-123				
Anthracene	0.914	0.0888	"	1.33	0.257	49.3	10-142				
Atrazine	0.801	0.0888	"	0.888	ND	90.2	19-115				
Benzaldehyde	0.626	0.0888	"	0.888	ND	70.6	10-125				
Benzo(a)anthracene	0.749	0.0888	"	1.33	ND	56.3	10-158				
Benzo(a)pyrene	0.658	0.0888	"	1.33	ND	49.4	10-180				
Benzo(b)fluoranthene	0.674	0.0888	"	1.33	ND	50.6	10-200				
Benzo(g,h,i)perylene	0.685	0.0888	"	1.33	ND	51.5	10-138				
Benzo(k)fluoranthene	0.660	0.0888	"	1.33	ND	49.6	10-197				
Benzoic acid	0.218	0.0888	"	0.888	ND	24.6	10-166				
Benzyl alcohol	0.640	0.0888	"	1.33	ND	48.1	12-124				
Benzyl butyl phthalate	0.584	0.0888	"	1.33	ND	43.9	10-154				
Bis(2-chloroethoxy)methane	0.726	0.0888	"	1.33	ND	54.5	10-132				
Bis(2-chloroethyl)ether	0.623	0.0888	"	1.33	ND	46.8	10-119				
Bis(2-chloroisopropyl)ether	0.613	0.0888	"	1.33	ND	46.0	10-139				
Bis(2-ethylhexyl)phthalate	0.610	0.0888	"	1.33	ND	45.8	10-167				
Caprolactam	5.57	0.177	"	0.888	ND	628	10-132	High Bias			
Carbazole	0.625	0.0888	"	1.33	ND	46.9	10-167				
Chrysene	0.819	0.0888	"	1.33	0.0577	57.2	10-156				
Dibenzo(a,h)anthracene	0.691	0.0888	"	1.33	ND	51.9	10-137				
Dibenzofuran	1.22	0.0888	"	1.33	0.540	51.1	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41192 - EPA 3550C											
Matrix Spike (BI41192-MS2)	*Source sample: 24I0791-05 (SB-15 (20-23))							Prepared: 09/19/2024 Analyzed: 09/20/2024			
Diethyl phthalate	0.630	0.0888	mg/kg dry	1.33	ND	47.3	20-120				
Dimethyl phthalate	0.707	0.0888	"	1.33	ND	53.1	18-131				
Di-n-butyl phthalate	0.579	0.0888	"	1.33	ND	43.5	10-137				
Di-n-octyl phthalate	0.607	0.0888	"	1.33	ND	45.6	10-180				
Diphenylamine	1.58	0.177	"	1.33	ND	119	40-140				
Fluoranthene	0.712	0.0888	"	1.33	ND	53.5	10-160				
Fluorene	1.60	0.0888	"	1.33	0.839	57.4	10-157				
Hexachlorobenzene	0.594	0.0888	"	1.33	ND	44.6	10-137				
Hexachlorobutadiene	0.746	0.0888	"	1.33	ND	56.1	10-132				
Hexachlorocyclopentadiene	0.276	0.0888	"	1.33	ND	20.7	10-106				
Hexachloroethane	0.589	0.0888	"	1.33	ND	44.3	10-110				
Indeno(1,2,3-cd)pyrene	0.637	0.0888	"	1.33	ND	47.8	10-144				
Isophorone	0.734	0.0888	"	1.33	ND	55.1	10-132				
Naphthalene	0.875	0.0888	"	1.33	0.195	51.0	10-141				
Nitrobenzene	0.108	0.0888	"	1.33	ND	8.11	10-131	Low Bias			
N-Nitrosodimethylamine	0.582	0.0888	"	1.33	ND	43.7	10-126				
N-nitroso-di-n-propylamine	0.740	0.0888	"	1.33	ND	55.6	10-125				
N-Nitrosodiphenylamine	0.890	0.0888	"	1.33	ND	66.9	10-177				
Pentachlorophenol	0.658	0.0888	"	1.33	ND	49.4	10-153				
Phenanthrene	1.87	0.0888	"	1.33	1.08	58.9	10-148				
Phenol	0.651	0.0888	"	1.33	ND	48.9	10-126				
Pyrene	0.974	0.0888	"	1.33	0.210	57.4	10-165				
Pyridine	0.445	0.356	"	1.33	ND	33.4	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.15*		"	*1.78*		*64.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.13*		"	*1.78*		*63.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*1.03*		"	*0.888*		*116*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.837*		"	*0.888*		*94.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.06*		"	*1.78*		*59.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.752*		"	*0.888*		*84.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

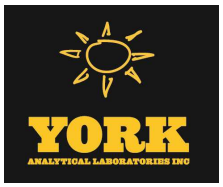
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41192 - EPA 3550C											
Matrix Spike Dup (BI41192-MSD1)	*Source sample: 24I0791-01 (SB-35 (1-4))								Prepared: 09/19/2024 Analyzed: 09/20/2024		
1,1-Biphenyl	0.666	0.0880	mg/kg dry	0.880	ND	75.7	10-130		8.11	30	
1,2,4,5-Tetrachlorobenzene	0.662	0.176	"	0.880	ND	75.3	10-133		17.8	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.614	0.0880	"	1.32	ND	46.6	10-144		37.6	30	Non-dir.
2,3,4,6-Tetrachlorophenol	0.734	0.176	"	1.32	ND	55.6	30-130		19.2	30	
2,4,5-Trichlorophenol	0.754	0.0880	"	1.32	ND	57.1	10-127		1.51	30	
2,4,6-Trichlorophenol	0.741	0.0880	"	1.32	ND	56.2	10-132		13.6	30	
2,4-Dichlorophenol	0.702	0.0880	"	1.32	ND	53.2	10-128		12.3	30	
2,4-Dimethylphenol	0.613	0.0880	"	1.32	ND	46.5	10-137		25.2	30	
2,4-Dinitrophenol	0.127	0.176	"	1.32	ND	9.65	10-171	Low Bias	153	30	Non-dir.
2,4-Dinitrotoluene	0.675	0.0880	"	1.32	ND	51.2	16-135		37.4	30	Non-dir.
2,6-Dinitrotoluene	0.642	0.0880	"	1.32	ND	48.6	18-131		38.4	30	Non-dir.
2-Chloronaphthalene	0.652	0.0880	"	1.32	ND	49.4	10-129		7.23	30	
2-Chlorophenol	0.607	0.0880	"	1.32	ND	46.0	15-116		7.43	30	
2-Methylnaphthalene	0.645	0.0880	"	1.32	ND	48.9	10-147		19.9	30	
2-Methylphenol	0.640	0.0880	"	1.32	ND	48.5	10-136		55.4	30	Non-dir.
2-Nitroaniline	0.623	0.176	"	1.32	ND	47.2	10-137		22.6	30	
2-Nitrophenol	0.626	0.0880	"	1.32	ND	47.4	10-129		39.3	30	Non-dir.
3- & 4-Methylphenols	0.582	0.0880	"	1.32	ND	44.1	10-123		32.5	30	Non-dir.
3,3-Dichlorobenzidine	0.850	0.0880	"	0.880	ND	96.6	10-155		169	30	Non-dir.
3-Nitroaniline	0.623	0.176	"	1.32	ND	47.2	12-133		6.96	30	
4,6-Dinitro-2-methylphenol	0.231	0.176	"	1.32	ND	17.5	10-155		148	30	Non-dir.
4-Bromophenyl phenyl ether	0.621	0.0880	"	1.32	ND	47.1	14-128		37.5	30	Non-dir.
4-Chloro-3-methylphenol	0.688	0.0880	"	1.32	ND	52.2	10-134		21.5	30	
4-Chloroaniline	0.584	0.0880	"	1.32	ND	44.3	10-145		17.1	30	
4-Chlorophenyl phenyl ether	0.690	0.0880	"	1.32	ND	52.3	14-130		13.6	30	
4-Nitroaniline	0.592	0.176	"	1.32	ND	44.9	10-147		7.71	30	
4-Nitrophenol	0.668	0.176	"	1.32	ND	50.7	10-137		48.3	30	Non-dir.
Acenaphthene	0.633	0.0880	"	1.32	ND	47.9	10-146		14.8	30	
Acenaphthylene	0.637	0.0880	"	1.32	ND	48.3	10-134		10.1	30	
Acetophenone	0.649	0.0880	"	0.880	ND	73.8	10-116		14.2	30	
Aniline	0.568	0.353	"	1.32	ND	43.0	10-123		50.1	30	Non-dir.
Anthracene	0.699	0.0880	"	1.32	0.0783	47.1	10-142		10.4	30	
Atrazine	0.675	0.0880	"	0.880	ND	76.8	19-115		33.0	30	Non-dir.
Benzaldehyde	0.585	0.0880	"	0.880	ND	66.6	10-125		19.8	30	
Benzo(a)anthracene	0.750	0.0880	"	1.32	0.181	43.1	10-158		3.34	30	
Benzo(a)pyrene	0.647	0.0880	"	1.32	0.152	37.5	10-180		12.6	30	
Benzo(b)fluoranthene	0.662	0.0880	"	1.32	0.136	39.9	10-200		19.7	30	
Benzo(g,h,i)perylene	0.667	0.0880	"	1.32	0.117	41.7	10-138		17.5	30	
Benzo(k)fluoranthene	0.654	0.0880	"	1.32	0.140	39.0	10-197		20.9	30	
Benzoic acid	0.0478	0.0880	"	0.880	ND	5.44	10-166	Low Bias	179	30	Non-dir.
Benzyl alcohol	0.602	0.0880	"	1.32	ND	45.7	12-124		2.13	30	
Benzyl butyl phthalate	0.656	0.0880	"	1.32	ND	49.8	10-154		5.12	30	
Bis(2-chloroethoxy)methane	0.681	0.0880	"	1.32	ND	51.6	10-132		19.5	30	
Bis(2-chloroethyl)ether	0.587	0.0880	"	1.32	ND	44.5	10-119		79.7	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.635	0.0880	"	1.32	ND	48.1	10-139		24.5	30	
Bis(2-ethylhexyl)phthalate	0.626	0.0880	"	1.32	ND	47.5	10-167		12.1	30	
Caprolactam	0.725	0.176	"	0.880	ND	82.5	10-132		59.8	30	Non-dir.
Carbazole	0.648	0.0880	"	1.32	ND	49.1	10-167		16.2	30	
Chrysene	0.751	0.0880	"	1.32	0.189	42.6	10-156		3.24	30	
Dibenzo(a,h)anthracene	0.626	0.0880	"	1.32	ND	47.4	10-137		22.3	30	
Dibenzofuran	0.675	0.0880	"	1.32	ND	51.2	10-147		11.1	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41192 - EPA 3550C											
Matrix Spike Dup (BI41192-MSD1)	*Source sample: 24I0791-01 (SB-35 (1-4))								Prepared: 09/19/2024 Analyzed: 09/20/2024		
Diethyl phthalate	0.623	0.0880	mg/kg dry	1.32	ND	47.3	20-120		18.3	30	
Dimethyl phthalate	0.627	0.0880	"	1.32	ND	47.5	18-131		20.1	30	
Di-n-butyl phthalate	0.616	0.0880	"	1.32	ND	46.7	10-137		22.9	30	
Di-n-octyl phthalate	0.597	0.0880	"	1.32	ND	45.2	10-180		16.8	30	
Diphenylamine	0.703	0.176	"	1.32	ND	53.3	40-140		22.9	30	
Fluoranthene	0.823	0.0880	"	1.32	0.426	30.0	10-160		4.15	30	
Fluorene	0.686	0.0880	"	1.32	ND	52.0	10-157		11.1	30	
Hexachlorobenzene	0.580	0.0880	"	1.32	ND	43.9	10-137		19.5	30	
Hexachlorobutadiene	0.681	0.0880	"	1.32	ND	51.6	10-132		15.5	30	
Hexachlorocyclopentadiene	0.298	0.0880	"	1.32	ND	22.6	10-106		70.6	30	Non-dir.
Hexachloroethane	0.597	0.0880	"	1.32	ND	45.2	10-110		7.76	30	
Indeno(1,2,3-cd)pyrene	0.794	0.0880	"	1.32	0.117	51.4	10-144		0.0886	30	
Isophorone	0.694	0.0880	"	1.32	ND	52.6	10-132		23.1	30	
Naphthalene	0.664	0.0880	"	1.32	ND	50.3	10-141		17.1	30	
Nitrobenzene	0.687	0.0880	"	1.32	ND	52.1	10-131		23.8	30	
N-Nitrosodimethylamine	0.534	0.0880	"	1.32	ND	40.5	10-126		3.11	30	
N-nitroso-di-n-propylamine	0.609	0.0880	"	1.32	ND	46.1	10-125		20.6	30	
N-Nitrosodiphenylamine	0.719	0.0880	"	1.32	ND	54.5	10-177		21.1	30	
Pentachlorophenol	0.637	0.0880	"	1.32	ND	48.3	10-153		62.8	30	Non-dir.
Phenanthrene	0.794	0.0880	"	1.32	0.373	31.9	10-148		1.80	30	
Phenol	0.641	0.0880	"	1.32	ND	48.6	10-126		172	30	Non-dir.
Pyrene	0.978	0.0880	"	1.32	0.418	42.4	10-165		34.3	30	Non-dir.
Pyridine	0.412	0.353	"	1.32	ND	31.2	10-83		29.8	30	
Surrogate: SURR: 2-Fluorophenol	*1.13*		"	*1.76*		*64.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.12*		"	*1.76*		*63.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.706*		"	*0.880*		*80.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.690*		"	*0.880*		*78.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.26*		"	*1.76*		*71.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.796*		"	*0.880*		*90.5*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41192 - EPA 3550C											
Matrix Spike Dup (BI41192-MSD2)	*Source sample: 24I0791-05 (SB-15 (20-23))								Prepared: 09/19/2024 Analyzed: 09/20/2024		
1,1-Biphenyl	ND	0.0888	mg/kg dry	0.888	ND		10-130	Low Bias		30	
1,2,4,5-Tetrachlorobenzene	0.761	0.177	"	0.888	ND	85.7	10-133		3.61	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.639	0.0888	"	1.33	ND	48.0	10-144		0.669	30	
2,3,4,6-Tetrachlorophenol	1.62	0.177	"	1.33	ND	122	30-130		21.1	30	
2,4,5-Trichlorophenol	0.851	0.0888	"	1.33	ND	63.9	10-127		2.06	30	
2,4,6-Trichlorophenol	1.15	0.0888	"	1.33	ND	86.6	10-132		1.99	30	
2,4-Dichlorophenol	0.812	0.0888	"	1.33	ND	61.0	10-128		1.91	30	
2,4-Dimethylphenol	0.579	0.0888	"	1.33	ND	43.5	10-137		13.0	30	
2,4-Dinitrophenol	0.256	0.177	"	1.33	ND	19.2	10-171		22.9	30	
2,4-Dinitrotoluene	1.40	0.0888	"	1.33	ND	105	16-135		2.76	30	
2,6-Dinitrotoluene	0.829	0.0888	"	1.33	ND	62.3	18-131		8.21	30	
2-Chloronaphthalene	0.911	0.0888	"	1.33	ND	68.4	10-129		5.36	30	
2-Chlorophenol	0.642	0.0888	"	1.33	ND	48.2	15-116		2.08	30	
2-Methylnaphthalene	4.72	0.0888	"	1.33	2.53	164	10-147	High Bias	6.34	30	
2-Methylphenol	0.642	0.0888	"	1.33	ND	48.2	10-136		0.662	30	
2-Nitroaniline	0.838	0.177	"	1.33	ND	62.9	10-137		21.8	30	
2-Nitrophenol	0.861	0.0888	"	1.33	ND	64.6	10-129		0.579	30	
3- & 4-Methylphenols	0.602	0.0888	"	1.33	ND	45.2	10-123		7.46	30	
3,3-Dichlorobenzidine	1.13	0.0888	"	0.888	ND	127	10-155		0.815	30	
3-Nitroaniline	0.838	0.177	"	1.33	ND	62.9	12-133		21.8	30	
4,6-Dinitro-2-methylphenol	0.160	0.177	"	1.33	ND	12.0	10-155		57.8	30	Non-dir.
4-Bromophenyl phenyl ether	0.709	0.0888	"	1.33	ND	53.2	14-128		11.0	30	
4-Chloro-3-methylphenol	1.00	0.0888	"	1.33	ND	75.2	10-134		1.72	30	
4-Chloroaniline	0.863	0.0888	"	1.33	ND	64.9	10-145		8.20	30	
4-Chlorophenyl phenyl ether	0.836	0.0888	"	1.33	ND	62.8	14-130		2.06	30	
4-Nitroaniline	0.545	0.177	"	1.33	ND	40.9	10-147		4.40	30	
4-Nitrophenol	0.599	0.177	"	1.33	ND	45.0	10-137		2.40	30	
Acenaphthene	1.02	0.0888	"	1.33	0.393	47.1	10-146		3.82	30	
Acenaphthylene	0.839	0.0888	"	1.33	0.224	46.1	10-134		11.3	30	
Acetophenone	0.676	0.0888	"	0.888	ND	76.2	10-116		1.37	30	
Aniline	0.536	0.356	"	1.33	ND	40.3	10-123		1.32	30	
Anthracene	0.906	0.0888	"	1.33	0.257	48.7	10-142		0.858	30	
Atrazine	0.810	0.0888	"	0.888	ND	91.3	19-115		1.15	30	
Benzaldehyde	0.634	0.0888	"	0.888	ND	71.4	10-125		1.24	30	
Benzo(a)anthracene	0.758	0.0888	"	1.33	ND	56.9	10-158		1.13	30	
Benzo(a)pyrene	0.661	0.0888	"	1.33	ND	49.7	10-180		0.431	30	
Benzo(b)fluoranthene	0.665	0.0888	"	1.33	ND	49.9	10-200		1.38	30	
Benzo(g,h,i)perylene	0.707	0.0888	"	1.33	ND	53.1	10-138		3.16	30	
Benzo(k)fluoranthene	0.665	0.0888	"	1.33	ND	50.0	10-197		0.750	30	
Benzoic acid	0.287	0.0888	"	0.888	ND	32.3	10-166		27.3	30	
Benzyl alcohol	0.616	0.0888	"	1.33	ND	46.2	12-124		3.85	30	
Benzyl butyl phthalate	0.601	0.0888	"	1.33	ND	45.2	10-154		2.87	30	
Bis(2-chloroethoxy)methane	0.691	0.0888	"	1.33	ND	51.9	10-132		4.91	30	
Bis(2-chloroethyl)ether	0.638	0.0888	"	1.33	ND	47.9	10-119		2.37	30	
Bis(2-chloroisopropyl)ether	0.631	0.0888	"	1.33	ND	47.4	10-139		2.86	30	
Bis(2-ethylhexyl)phthalate	0.611	0.0888	"	1.33	ND	45.9	10-167		0.116	30	
Caprolactam	4.91	0.177	"	0.888	ND	553	10-132	High Bias	12.6	30	
Carbazole	0.626	0.0888	"	1.33	ND	47.0	10-167		0.114	30	
Chrysene	0.789	0.0888	"	1.33	0.0577	54.9	10-156		3.71	30	
Dibenzo(a,h)anthracene	0.704	0.0888	"	1.33	ND	52.9	10-137		1.93	30	
Dibenzofuran	1.21	0.0888	"	1.33	0.540	50.0	10-147		1.23	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41192 - EPA 3550C											
Matrix Spike Dup (BI41192-MSD2)	*Source sample: 24I0791-05 (SB-15 (20-23))								Prepared: 09/19/2024 Analyzed: 09/20/2024		
Diethyl phthalate	0.625	0.0888	mg/kg dry	1.33	ND	46.9	20-120		0.792	30	
Dimethyl phthalate	0.709	0.0888	"	1.33	ND	53.3	18-131		0.301	30	
Di-n-butyl phthalate	0.577	0.0888	"	1.33	ND	43.3	10-137		0.369	30	
Di-n-octyl phthalate	0.610	0.0888	"	1.33	ND	45.8	10-180		0.467	30	
Diphenylamine	1.49	0.177	"	1.33	ND	112	40-140		6.19	30	
Fluoranthene	0.719	0.0888	"	1.33	ND	54.0	10-160		0.992	30	
Fluorene	1.54	0.0888	"	1.33	0.839	52.8	10-157		3.93	30	
Hexachlorobenzene	0.591	0.0888	"	1.33	ND	44.4	10-137		0.599	30	
Hexachlorobutadiene	0.767	0.0888	"	1.33	ND	57.6	10-132		2.72	30	
Hexachlorocyclopentadiene	0.280	0.0888	"	1.33	ND	21.1	10-106		1.53	30	
Hexachloroethane	0.616	0.0888	"	1.33	ND	46.3	10-110		4.48	30	
Indeno(1,2,3-cd)pyrene	0.627	0.0888	"	1.33	ND	47.1	10-144		1.57	30	
Isophorone	0.736	0.0888	"	1.33	ND	55.3	10-132		0.193	30	
Naphthalene	0.866	0.0888	"	1.33	0.195	50.4	10-141		0.979	30	
Nitrobenzene	0.835	0.0888	"	1.33	ND	62.7	10-131		154	30	Non-dir.
N-Nitrosodimethylamine	0.600	0.0888	"	1.33	ND	45.1	10-126		3.00	30	
N-nitroso-di-n-propylamine	0.748	0.0888	"	1.33	ND	56.2	10-125		1.05	30	
N-Nitrosodiphenylamine	0.796	0.0888	"	1.33	ND	59.8	10-177		11.2	30	
Pentachlorophenol	0.666	0.0888	"	1.33	ND	50.0	10-153		1.18	30	
Phenanthrene	1.80	0.0888	"	1.33	1.08	53.3	10-148		4.07	30	
Phenol	0.653	0.0888	"	1.33	ND	49.0	10-126		0.218	30	
Pyrene	0.966	0.0888	"	1.33	0.210	56.8	10-165		0.878	30	
Pyridine	0.473	0.356	"	1.33	ND	35.5	10-83		6.03	30	
Surrogate: SURR: 2-Fluorophenol	*1.24*		"	*1.78*		*69.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.23*		"	*1.78*		*69.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*1.05*		"	*0.888*		*118*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.859*		"	*0.888*		*96.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.12*		"	*1.78*		*63.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.829*		"	*0.888*		*93.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41202 - EPA 3510C											
Blank (BI41202-BLK1)											
Prepared: 09/19/2024 Analyzed: 09/20/2024											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41202 - EPA 3510C											
Blank (BI41202-BLK1)											Prepared: 09/19/2024 Analyzed: 09/20/2024
Surrogate: SURR: 2-Fluorophenol	*20.8*		*ug/L*	*50.0*		*41.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.50*		*"*	*50.0*		*19.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*25.0*		*"*	*25.0*		*100*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.2*		*"*	*25.0*		*76.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*67.4*		*"*	*50.0*		*135*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.4*		*"*	*25.0*		*93.6*	*30.7-106*				
Blank (BI41202-BLK2)											Prepared: 09/19/2024 Analyzed: 09/20/2024
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41202 - EPA 3510C											
LCS (BI41202-BS1)								Prepared: 09/19/2024 Analyzed: 09/20/2024			
1,1-Biphenyl	17.2	5.00	ug/L	25.0		68.7	33-95				
1,2,4,5-Tetrachlorobenzene	17.7	5.00	"	25.0		70.8	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	25.3	5.00	"	25.0		101	16-141				
2,3,4,6-Tetrachlorophenol	15.5	5.00	"	25.0		61.9	30-130				
2,4,5-Trichlorophenol	19.0	5.00	"	25.0		76.1	32-114				
2,4,6-Trichlorophenol	21.7	5.00	"	25.0		86.8	35-118				
2,4-Dichlorophenol	20.9	5.00	"	25.0		83.6	25-116				
2,4-Dimethylphenol	18.7	5.00	"	25.0		74.6	15-116				
2,4-Dinitrophenol	14.9	5.00	"	25.0		59.7	10-170				
2,4-Dinitrotoluene	28.6	5.00	"	25.0		115	41-128				
2,6-Dinitrotoluene	26.6	5.00	"	25.0		106	45-116				
2-Chloronaphthalene	16.6	5.00	"	25.0		66.5	33-112				
2-Chlorophenol	16.2	5.00	"	25.0		64.9	15-120				
2-Methylnaphthalene	15.8	5.00	"	25.0		63.2	24-118				
2-Methylphenol	7.22	5.00	"	25.0		28.9	10-110				
2-Nitroaniline	23.4	5.00	"	25.0		93.5	34-129				
2-Nitrophenol	24.8	5.00	"	25.0		99.1	28-118				
3- & 4-Methylphenols	9.22	5.00	"	25.0		36.9	10-107				
3,3-Dichlorobenzidine	19.5	5.00	"	25.0		78.0	15-187				
3-Nitroaniline	16.5	5.00	"	25.0		65.9	24-134				
4,6-Dinitro-2-methylphenol	39.7	5.00	"	25.0		159	10-153	High Bias			
4-Bromophenyl phenyl ether	25.1	5.00	"	25.0		100	34-120				
4-Chloro-3-methylphenol	22.4	5.00	"	25.0		89.6	20-120				
4-Chloroaniline	14.7	5.00	"	25.0		58.8	10-147				
4-Chlorophenyl phenyl ether	20.5	5.00	"	25.0		81.9	27-121				
4-Nitroaniline	17.6	5.00	"	25.0		70.5	13-134				
4-Nitrophenol	31.2	5.00	"	25.0		125	10-131				
Acetophenone	19.7	5.00	"	25.0		78.7	25-110				
Aniline	20.5	5.00	"	25.0		81.9	10-117				
Benzaldehyde	21.0	5.00	"	25.0		84.0	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	11.7	5.00	"	25.0		46.9	10-117				
Benzyl butyl phthalate	19.0	5.00	"	25.0		75.8	29-133				
Bis(2-chloroethoxy)methane	22.8	5.00	"	25.0		91.2	10-154				
Bis(2-chloroethyl)ether	29.5	5.00	"	25.0		118	17-125				
Bis(2-chloroisopropyl)ether	21.3	5.00	"	25.0		85.4	10-139				
Caprolactam	4.61	5.00	"	25.0		18.4	10-137				
Carbazole	21.1	5.00	"	25.0		84.6	42-126				
Dibenzofuran	18.6	5.00	"	25.0		74.6	36-113				
Diethyl phthalate	21.0	5.00	"	25.0		83.9	38-115				
Dimethyl phthalate	21.2	5.00	"	25.0		84.7	38-129				
Di-n-butyl phthalate	22.2	5.00	"	25.0		88.9	31-120				
Di-n-octyl phthalate	20.0	5.00	"	25.0		80.2	21-149				
Diphenylamine	24.5	5.00	"	25.0		97.8	40-140				
Hexachlorocyclopentadiene	10.9	10.0	"	25.0		43.5	10-130				
Isophorone	23.2	5.00	"	25.0		92.8	25-127				
N-nitroso-di-n-propylamine	20.1	5.00	"	25.0		80.3	26-122				
N-Nitrosodiphenylamine	24.4	5.00	"	25.0		97.8	23-149				
Phenol	0.990	5.00	"	25.0		3.96	10-110	Low Bias			
Pyridine	3.06	5.00	"	35.0		8.74	10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*20.3*		*"*	*50.0*		*40.6*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41202 - EPA 3510C											
LCS (BI41202-BS1)								Prepared: 09/19/2024 Analyzed: 09/20/2024			
Surrogate: SURR: Phenol-d6	*11.2*		*ug/L*	*50.0*		*22.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*23.7*		*"*	*25.0*		*94.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.8*		*"*	*25.0*		*79.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*75.0*		*"*	*50.0*		*150*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*24.0*		*"*	*25.0*		*96.1*	*30.7-106*				
LCS (BI41202-BS2)								Prepared: 09/19/2024 Analyzed: 09/20/2024			
Acenaphthene	0.810	0.0500	ug/L	1.00		81.0	25-116				
Acenaphthylene	0.900	0.0500	"	1.00		90.0	26-116				
Anthracene	0.790	0.0500	"	1.00		79.0	25-123				
Benzo(a)anthracene	0.890	0.0500	"	1.00		89.0	33-125				
Benzo(a)pyrene	0.880	0.0500	"	1.00		88.0	32-132				
Benzo(b)fluoranthene	0.920	0.0500	"	1.00		92.0	22-137				
Benzo(g,h,i)perylene	1.00	0.0500	"	1.00		100	10-138				
Benzo(k)fluoranthene	0.930	0.0500	"	1.00		93.0	20-137				
Bis(2-ethylhexyl)phthalate	0.980	0.500	"	1.00		98.0	10-189				
Chrysene	0.860	0.0500	"	1.00		86.0	32-124				
Dibenzo(a,h)anthracene	0.940	0.0500	"	1.00		94.0	16-133				
Fluoranthene	0.940	0.0500	"	1.00		94.0	32-121				
Fluorene	0.930	0.0500	"	1.00		93.0	28-118				
Hexachlorobenzene	0.100	0.0200	"	1.00		10.0	23-124	Low Bias			
Hexachlorobutadiene	0.710	0.500	"	1.00		71.0	15-123				
Hexachloroethane	0.540	0.500	"	1.00		54.0	18-115				
Indeno(1,2,3-cd)pyrene	0.970	0.0500	"	1.00		97.0	15-135				
Naphthalene	0.910	0.0500	"	1.00		91.0	18-120				
Nitrobenzene	0.650	0.250	"	1.00		65.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.640	0.250	"	1.00		64.0	10-156				
Phenanthrene	0.910	0.0500	"	1.00		91.0	24-127				
Pyrene	0.770	0.0500	"	1.00		77.0	31-132				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41112 - EPA 3550C											
Blank (BI41112-BLK2)											Prepared: 09/18/2024 Analyzed: 09/19/2024
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	*0.0718*		"	*0.0664*		*108*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0611*		"	*0.0664*		*92.0*	*30-120*				
LCS (BI41112-BS2)											Prepared: 09/18/2024 Analyzed: 09/19/2024
Aroclor 1016	0.324	0.0166	mg/kg wet	0.332		97.6	40-130				
Aroclor 1260	0.386	0.0166	"	0.332		116	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0608*		"	*0.0664*		*91.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0565*		"	*0.0664*		*85.0*	*30-120*				
Matrix Spike (BI41112-MS2)	*Source sample: 24I0791-05 (SB-15 (20-23))										Prepared: 09/18/2024 Analyzed: 09/19/2024
Aroclor 1016	0.148	0.0178	mg/kg dry	0.356	ND	41.7	40-140				
Aroclor 1260	0.184	0.0178	"	0.356	ND	51.5	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0449*		"	*0.0712*		*63.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0452*		"	*0.0712*		*63.5*	*30-120*				
Matrix Spike Dup (BI41112-MSD2)	*Source sample: 24I0791-05 (SB-15 (20-23))										Prepared: 09/18/2024 Analyzed: 09/19/2024
Aroclor 1016	0.288	0.0178	mg/kg dry	0.356	ND	80.7	40-140		63.8	50	Non-dir.
Aroclor 1260	0.252	0.0178	"	0.356	ND	70.9	40-140		31.6	50	
Surrogate: Tetrachloro-m-xylene	*0.0538*		"	*0.0712*		*75.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0495*		"	*0.0712*		*69.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41198 - EPA SW846-3510C Low Level											
Blank (BI41198-BLK2)								Prepared & Analyzed: 09/19/2024			
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	*0.0770*		*"*	*0.200*		*38.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0890*		*"*	*0.200*		*44.5*	*30-120*				
LCS (BI41198-BS2)								Prepared & Analyzed: 09/19/2024			
Aroclor 1016	0.633	0.0500	ug/L	1.00		63.3	40-120				
Aroclor 1260	0.663	0.0500	"	1.00		66.3	40-120				
Surrogate: Tetrachloro-m-xylene	*0.105*		*"*	*0.200*		*52.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0890*		*"*	*0.200*		*44.5*	*30-120*				
LCS Dup (BI41198-BSD2)								Prepared & Analyzed: 09/19/2024			
Aroclor 1016	0.680	0.0500	ug/L	1.00		68.0	40-120		7.19	30	
Aroclor 1260	0.749	0.0500	"	1.00		74.9	40-120		12.2	30	
Surrogate: Tetrachloro-m-xylene	*0.109*		*"*	*0.200*		*54.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.110*		*"*	*0.200*		*55.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40944 - EPA 3550C/8151A											
Blank (BI40944-BLK1)								Prepared & Analyzed: 09/16/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.353*		*"*	*0.415*		*85.0*	*21-150*				
LCS (BI40944-BS1)								Prepared & Analyzed: 09/16/2024			
2,4,5-T	0.0648	0.0199	mg/kg wet	0.0664		97.5	10-120				
2,4,5-TP (Silvex)	0.0623	0.0199	"	0.0664		93.8	10-120				
2,4-D	0.0656	0.0199	"	0.0664		98.7	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.411*		*"*	*0.415*		*99.0*	*21-150*				
Matrix Spike (BI40944-MS1)	*Source sample: 24I0791-01 (SB-35 (1-4))							Prepared & Analyzed: 09/16/2024			
2,4,5-T	0.0538	0.0208	mg/kg dry	0.0694	ND	77.5	10-120				
2,4,5-TP (Silvex)	0.0564	0.0208	"	0.0694	ND	81.2	10-120				
2,4-D	0.0807	0.0208	"	0.0694	ND	116	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.453*		*"*	*0.434*		*104*	*21-150*				
Matrix Spike Dup (BI40944-MSD1)	*Source sample: 24I0791-01 (SB-35 (1-4))							Prepared & Analyzed: 09/16/2024			
2,4,5-T	0.0529	0.0208	mg/kg dry	0.0694	ND	76.2	10-120		1.63	35	
2,4,5-TP (Silvex)	0.0582	0.0208	"	0.0694	ND	83.8	10-120		3.03	35	
2,4-D	0.0694	0.0208	"	0.0694	ND	100	10-118		15.0	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.398*		*"*	*0.434*		*91.6*	*21-150*				
Batch BI41006 - EPA 8151A											
Blank (BI41006-BLK1)								Prepared: 09/17/2024 Analyzed: 09/18/2024			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*136*		*"*	*125*		*108*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41006 - EPA 8151A											
LCS (BI41006-BS1)											Prepared: 09/17/2024 Analyzed: 09/18/2024
2,4,5-T	19.2	5.00	ug/L	20.0		96.2	10-140				
2,4,5-TP (Silvex)	20.5	5.00	"	20.0		102	10-139				
2,4-D	18.8	5.00	"	20.0		93.8	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*118*		*"*	*125*		*94.4*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40894 - EPA 3050B											
Blank (BI40894-BLK1)										Prepared: 09/15/2024 Analyzed: 09/17/2024	
Antimony	ND	1.74	mg/kg wet								
Arsenic	ND	1.04	"								
Beryllium	ND	0.035	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Nickel	ND	0.692	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Thallium	ND	1.74	"								
Zinc	ND	1.73	"								
Duplicate (BI40894-DUP1)	*Source sample: 24I0791-01 (SB-35 (1-4))									Prepared: 09/15/2024 Analyzed: 09/17/2024	
Antimony	ND	1.84	mg/kg dry		ND					35	
Arsenic	9.87	1.11	"		3.86				87.6	35	Non-dir.
Beryllium	0.080	0.037	"		0.124				43.5	35	Non-dir.
Cadmium	ND	0.221	"		ND					35	
Chromium	7.04	0.369	"		6.22				12.4	35	
Copper	23.6	1.48	"		23.3				1.32	35	
Lead	12.5	0.369	"		5.86				72.5	35	Non-dir.
Nickel	15.0	0.735	"		10.7				33.6	35	
Selenium	ND	1.84	"		ND					35	
Silver	ND	0.372	"		ND					35	
Thallium	ND	1.84	"		ND					35	
Zinc	33.1	1.84	"		29.7				10.7	35	
Matrix Spike (BI40894-MS1)	*Source sample: 24I0791-01 (SB-35 (1-4))									Prepared: 09/15/2024 Analyzed: 09/17/2024	
Antimony	7.31	1.84	mg/kg dry	22.1	ND	33.0	75-125	Low Bias			
Arsenic	168	1.11	"	177	3.86	92.7	75-125				
Beryllium	4.06	0.037	"	4.43	0.124	88.8	75-125				
Cadmium	3.71	0.221	"	4.43	ND	83.8	75-125				
Chromium	23.3	0.369	"	17.7	6.22	96.4	75-125				
Copper	73.3	1.48	"	22.1	23.3	226	75-125	High Bias			
Lead	44.5	0.369	"	44.3	5.86	87.3	75-125				
Nickel	51.2	0.735	"	44.3	10.7	91.7	75-125				
Selenium	161	1.84	"	177	ND	90.8	75-125				
Silver	4.49	0.372	"	4.43	ND	101	75-125				
Thallium	160	1.84	"	177	ND	90.5	75-125				
Zinc	71.2	1.84	"	44.3	29.7	93.8	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40894 - EPA 3050B											
Post Spike (BI40894-PS1)	*Source sample: 24I0791-01 (SB-35 (1-4))								Prepared: 09/15/2024 Analyzed: 09/17/2024		
Antimony	0.260		ug/mL	0.250	-0.007	104	75-125				
Arsenic	2.00		"	2.00	0.044	98.0	75-125				
Beryllium	0.048		"	0.0500	0.001	92.8	75-125				
Cadmium	0.043		"	0.0500	0.0007	85.0	75-125				
Chromium	0.259		"	0.200	0.070	94.2	75-125				
Copper	0.569		"	0.250	0.263	122	75-125				
Lead	0.509		"	0.500	0.066	88.6	75-125				
Nickel	0.579		"	0.500	0.120	91.7	75-125				
Selenium	1.92		"	2.00	-0.0006	96.2	75-125				
Silver	0.056		"	0.0500	0.0003	111	75-125				
Thallium	1.87		"	2.00	-0.004	93.5	75-125				
Zinc	0.754		"	0.500	0.335	83.7	75-125				
Reference (BI40894-SRM1)									Prepared: 09/15/2024 Analyzed: 09/17/2024		
Antimony	68.9	1.74	mg/kg wet	244		28.2	0-99.5				
Arsenic	242	1.04	"	283		85.4	69.9-101.4				
Beryllium	177	0.035	"	175		101	75.4-107.4				
Cadmium	82.4	0.208	"	95.8		86.0	72.3-103.7				
Chromium	217	0.348	"	239		90.6	72.4-106.3				
Copper	216	1.39	"	217		99.7	74.7-105.1				
Lead	189	0.348	"	210		90.2	75.7-109.5				
Nickel	309	0.692	"	329		93.9	74.5-106.7				
Selenium	272	1.74	"	281		96.9	77.6-116.7				
Silver	71.2	0.350	"	82.7		86.0	73.7-111.7				
Thallium	110	1.74	"	123		89.0	70.2-104.8				
Zinc	238	1.73	"	260		91.7	72.7-109.2				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40967 - EPA 3050B											
Blank (BI40967-BLK1)										Prepared: 09/16/2024 Analyzed: 09/18/2024	
Antimony	ND	1.74	mg/kg wet								
Arsenic	ND	1.04	"								
Beryllium	ND	0.035	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Nickel	ND	0.692	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Thallium	ND	1.74	"								
Zinc	ND	1.73	"								
Duplicate (BI40967-DUP1)	*Source sample: 24I0791-05 (SB-15 (20-23))									Prepared: 09/16/2024 Analyzed: 09/18/2024	
Antimony	ND	1.86	mg/kg dry		ND					35	
Arsenic	12.8	1.12	"		15.7				20.1	35	
Beryllium	0.188	0.038	"		0.107				54.5	35	Non-dir.
Cadmium	ND	0.223	"		ND					35	
Chromium	14.8	0.373	"		14.1				4.83	35	
Copper	39.2	1.49	"		31.4				22.0	35	
Lead	9.43	0.373	"		6.88				31.2	35	
Nickel	14.7	0.742	"		13.5				7.98	35	
Selenium	ND	1.86	"		ND					35	
Silver	ND	0.375	"		ND					35	
Thallium	ND	1.86	"		ND					35	
Zinc	58.9	1.85	"		56.8				3.71	35	
Matrix Spike (BI40967-MS1)	*Source sample: 24I0791-05 (SB-15 (20-23))									Prepared: 09/16/2024 Analyzed: 09/18/2024	
Antimony	5.58	1.86	mg/kg dry	22.3	ND	25.0	75-125	Low Bias			
Arsenic	186	1.12	"	179	15.7	95.2	75-125				
Beryllium	4.49	0.038	"	4.47	0.107	98.2	75-125				
Cadmium	3.89	0.223	"	4.47	ND	87.0	75-125				
Chromium	33.6	0.373	"	17.9	14.1	109	75-125				
Copper	74.9	1.49	"	22.3	31.4	195	75-125	High Bias			
Lead	48.0	0.373	"	44.7	6.88	92.0	75-125				
Nickel	59.1	0.742	"	44.7	13.5	102	75-125				
Selenium	167	1.86	"	179	ND	93.7	75-125				
Silver	4.69	0.375	"	4.47	ND	105	75-125				
Thallium	165	1.86	"	179	ND	92.1	75-125				
Zinc	104	1.85	"	44.7	56.8	106	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40967 - EPA 3050B											
Post Spike (BI40967-PS1)	*Source sample: 24I0791-05 (SB-15 (20-23))									Prepared: 09/16/2024 Analyzed: 09/18/2024	
Antimony	0.238		ug/mL	0.250	-0.016	95.4	75-125				
Arsenic	2.06		"	2.00	0.175	94.1	75-125				
Beryllium	0.049		"	0.0500	0.001	95.4	75-125				
Cadmium	0.042		"	0.0500	-0.0002	84.4	75-125				
Chromium	0.338		"	0.200	0.158	90.3	75-125				
Copper	0.645		"	0.250	0.351	118	75-125				
Lead	0.517		"	0.500	0.077	88.0	75-125				
Nickel	0.595		"	0.500	0.152	88.6	75-125				
Selenium	1.89		"	2.00	0.0005	94.2	75-125				
Silver	0.055		"	0.0500	-0.0003	110	75-125				
Thallium	1.81		"	2.00	-0.009	90.5	75-125				
Zinc	1.03		"	0.500	0.635	78.3	75-125				
Reference (BI40967-SRM1)										Prepared: 09/16/2024 Analyzed: 09/18/2024	
Antimony	63.7	1.74	mg/kg wet	244		26.1	0-99.5				
Arsenic	220	1.04	"	283		77.8	69.9-101.4				
Beryllium	148	0.035	"	175		84.7	75.4-107.4				
Cadmium	76.6	0.208	"	95.8		79.9	72.3-103.7				
Chromium	190	0.348	"	239		79.5	72.4-106.3				
Copper	195	1.39	"	217		89.9	74.7-105.1				
Lead	177	0.348	"	210		84.2	75.7-109.5				
Nickel	278	0.692	"	329		84.4	74.5-106.7				
Selenium	258	1.74	"	281		91.7	77.6-116.7				
Silver	61.3	0.350	"	82.7		74.2	73.7-111.7				
Thallium	99.2	1.74	"	123		80.6	70.2-104.8				
Zinc	213	1.73	"	260		81.8	72.7-109.2				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40979 - EPA 3050B											
Blank (BI40979-BLK1)											Prepared: 09/16/2024 Analyzed: 09/18/2024
Antimony	ND	1.74	mg/kg wet								
Arsenic	ND	1.04	"								
Beryllium	ND	0.035	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Nickel	ND	0.692	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Thallium	ND	1.74	"								
Zinc	ND	1.73	"								
Reference (BI40979-SRM1)											Prepared: 09/16/2024 Analyzed: 09/18/2024
Antimony	66.8	1.74	mg/kg wet	244		27.4	0-99.5				
Arsenic	230	1.04	"	283		81.4	69.9-101.4				
Beryllium	164	0.035	"	175		94.0	75.4-107.4				
Cadmium	79.4	0.208	"	95.8		82.9	72.3-103.7				
Chromium	201	0.348	"	239		84.3	72.4-106.3				
Copper	210	1.39	"	217		96.9	74.7-105.1				
Lead	182	0.348	"	210		86.7	75.7-109.5				
Nickel	296	0.692	"	329		90.0	74.5-106.7				
Selenium	260	1.74	"	281		92.4	77.6-116.7				
Silver	76.9	0.350	"	82.7		93.0	73.7-111.7				
Thallium	103	1.74	"	123		83.8	70.2-104.8				
Zinc	225	1.73	"	260		86.6	72.7-109.2				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41111 - EPA 3015A											
Blank (BI41111-BLK1)											Prepared: 09/18/2024 Analyzed: 09/19/2024
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Chromium	ND	1.11	"								
Copper	ND	1.11	"								
Lead	ND	1.11	"								
Nickel	ND	1.11	"								
Selenium	ND	1.11	"								
Silver	ND	1.11	"								
Thallium	ND	1.11	"								
Zinc	ND	1.11	"								
LCS (BI41111-BS1)											Prepared: 09/18/2024 Analyzed: 09/19/2024
Antimony	48.6		ug/L	50.0		97.1	80-120				
Arsenic	48.8		"	50.0		97.6	80-120				
Beryllium	48.2		"	50.0		96.5	80-120				
Cadmium	49.2		"	50.0		98.5	80-120				
Chromium	49.6		"	50.0		99.2	80-120				
Copper	50.4		"	50.0		101	80-120				
Lead	49.3		"	50.0		98.7	80-120				
Nickel	49.6		"	50.0		99.1	80-120				
Selenium	50.5		"	50.0		101	80-120				
Silver	52.7		"	50.0		105	80-120				
Thallium	48.5		"	50.0		96.9	80-120				
Zinc	61.4		"	50.0		123	80-120	High Bias			
Duplicate (BI41111-DUP1)	*Source sample: 24I0791-09 (RB_9.12.24)										Prepared: 09/18/2024 Analyzed: 09/19/2024
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Chromium	1.46	1.11	"		1.30				11.9	20	
Copper	2.10	1.11	"		6.71				105	20	Non-dir.
Lead	ND	1.11	"		ND					20	
Nickel	ND	1.11	"		1.26					20	
Selenium	1.64	1.11	"		1.78				8.25	20	
Silver	ND	1.11	"		ND					20	
Thallium	ND	1.11	"		ND					20	
Zinc	16.4	1.11	"		14.7				10.8	20	

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41111 - EPA 3015A											
Matrix Spike (BI41111-MS1)	*Source sample: 24I0791-09 (RB_9.12.24)								Prepared: 09/18/2024 Analyzed: 09/19/2024		
Antimony	47.2		ug/L	50.0	0.003	94.5	75-125				
Arsenic	47.6		"	50.0	0.0006	95.1	75-125				
Beryllium	47.4		"	50.0	0.008	94.8	75-125				
Cadmium	47.9		"	50.0	0.002	95.8	75-125				
Chromium	49.3		"	50.0	1.17	96.4	75-125				
Copper	49.1		"	50.0	6.04	86.1	75-125				
Lead	49.1		"	50.0	0.087	98.0	75-125				
Nickel	47.4		"	50.0	1.14	92.4	75-125				
Selenium	52.5		"	50.0	1.60	102	75-125				
Silver	51.5		"	50.0	-0.006	103	75-125				
Thallium	48.3		"	50.0	0.008	96.5	75-125				
Zinc	66.8		"	50.0	13.2	107	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41100 - EPA SW846-7470A											
Blank (BI41100-BLK1)								Prepared & Analyzed: 09/18/2024			
Mercury	ND	0.0002	mg/L								
Blank (BI41100-BLK2)								Prepared & Analyzed: 09/18/2024			
Mercury	ND	0.0002	mg/L								
LCS (BI41100-BS1)								Prepared & Analyzed: 09/18/2024			
Mercury	0.0021182	0.0002	mg/L	0.00200		106	80-120				
LCS (BI41100-BS2)								Prepared & Analyzed: 09/18/2024			
Mercury	0.0020598	0.0002	mg/L	0.00200		103	80-120				
Batch BI41134 - EPA 7473 soil											
Blank (BI41134-BLK1)								Prepared: 09/18/2024 Analyzed: 09/19/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BI41134-DUP1)	*Source sample: 24I0791-05 (SB-15 (20-23))							Prepared: 09/18/2024 Analyzed: 09/19/2024			
Mercury	ND	0.0322	mg/kg dry		ND					35	
Matrix Spike (BI41134-MS1)	*Source sample: 24I0791-05 (SB-15 (20-23))							Prepared: 09/18/2024 Analyzed: 09/19/2024			
Mercury	0.516		mg/kg	0.500	0.0125	101	75-125				
Reference (BI41134-SRM1)								Prepared: 09/18/2024 Analyzed: 09/19/2024			
Mercury	17.804		mg/kg	18.2		97.8	59.9-140.1				
Batch BI41222 - EPA 7473 soil											
Blank (BI41222-BLK1)								Prepared & Analyzed: 09/19/2024			
Mercury	ND	0.0300	mg/kg wet								

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41222 - EPA 7473 soil											
Duplicate (BI41222-DUP1)	*Source sample: 24I0791-01 (SB-35 (1-4))								Prepared & Analyzed: 09/19/2024		
Mercury	ND	0.0319	mg/kg dry		ND					35	
Matrix Spike (BI41222-MS1)	*Source sample: 24I0791-01 (SB-35 (1-4))								Prepared & Analyzed: 09/19/2024		
Mercury	0.502		mg/kg	0.500	0.0247	95.4	75-125				
Reference (BI41222-SRM1)									Prepared & Analyzed: 09/19/2024		
Mercury	15.676		mg/kg	18.2		86.1	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40922 - % Solids Prep											
Duplicate (BI40922-DUP1)	*Source sample: 24I0791-05 (SB-15 (20-23))								Prepared & Analyzed: 09/16/2024		
% Solids	94.9	0.100	%		93.3				1.71	20	
Batch BI40995 - % Solids Prep											
Duplicate (BI40995-DUP1)	*Source sample: 24I0791-01 (SB-35 (1-4))								Prepared & Analyzed: 09/17/2024		
% Solids	92.2	0.100	%		94.1				2.04	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I0791-01	SB-35 (1-4)	2 oz. WM Clear Glass Cool to 4° C
24I0791-02	SB-DUP-4	2 oz. WM Clear Glass Cool to 4° C
24I0791-03	SB-16 (21-24)	2 oz. WM Clear Glass Cool to 4° C
24I0791-04	SB-12 (10-12)	2 oz. WM Clear Glass Cool to 4° C
24I0791-05	SB-15 (20-23)	2 oz. WM Clear Glass Cool to 4° C
24I0791-06	SB-DUP-3	2 oz. WM Clear Glass Cool to 4° C
24I0791-07	SB-13 (2-4)	2 oz. WM Clear Glass Cool to 4° C
24I0791-08	SB-36 (3-5)	2 oz. WM Clear Glass Cool to 4° C
24I0791-09	RB_9.12.24	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of 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.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
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

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 2410791

Page _____ of _____

Report To:	Invoice To:
Company: HRP Associates, Inc.	Company:
Address: 1 Fairchild Sq Suite 110, Clifton Park NY 12065	Address:
Phone.: 518 877 7101	Phone.:
Contact: Elliott Jackson	Contact: Cassy George
E-mail: elliott.jackson@hrpassociates.com	E-mail: Cassy.george@hrpassociates.com

YOUR Project Name / Number: Remington Arms/HERI510.P2

PO Number:

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.

Elliott Jackson

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:	TCL VOCs	TCL SVOCs	PPMetals	TCL PCBs	TCL Herbicides	Grab or Comp.
SB-35 (1-4) *	9/12/24	1015	S	6										X	X	X		X	G/C
SB-DUP-4	"		S	2										X	X	X		X	G
SB-16 (21-24)	"	1115	S	2										X	X	X	X		G
SB-12 (10-12)	"	845	S	2										X	X	X	X		G
SB-15 (20-23) *	"	945	S	6										X	X	X	X		G
SB-DUP-3	"		S	2										X	X	X	X		G
SB-13 (2-4)	"	1200	S	2										X	X	X	X		G
SB-36 (3-5)	"	1245	S	2										X	X	X		X	G
RB-9.12.24	9/12/24	1800	GW	5	3		1							X	X	X	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 [ ]

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)
NYSDEC Part 375 SCOs

Field Filtered [ ]
Lab Filtered [ ]

Comments: Send copy to Ted.Wall@hrpassociates.com
* run for MS/MSD

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]	9/12/24 1125	[signature]	9/13/24 11:25	[signature]	9/13/24 1530
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
				[signature]	9/13/24 1530 / 1.5 Degrees C

Technical Report

prepared for:

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

Report Date: 09/20/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I0746

Report Date: 09/20/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I0746

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 12, 2024 and listed below. The project was identified as your project: **Remington Arms/HER1510.P2**.

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
24I0746-01	SB-62 (2-5)	Soil	09/09/2024	09/12/2024
24I0746-02	SB-28 (0.5-2)	Soil	09/09/2024	09/12/2024
24I0746-03	SB-63 (10-12)	Soil	09/09/2024	09/12/2024
24I0746-04	SB-17 (25-28)	Soil	09/09/2024	09/12/2024
24I0746-05	RB_9.9.24	Water	09/09/2024	09/12/2024
24I0746-06	SB-19 (1-3)	Soil	09/11/2024	09/12/2024
24I0746-07	SB-18 (2-5)	Soil	09/10/2024	09/12/2024
24I0746-08	SB-DUP-2	Soil	09/10/2024	09/12/2024
24I0746-09	SB-23 (18-21)	Soil	09/10/2024	09/12/2024
24I0746-10	SB-9 (17-20)	Soil	09/10/2024	09/12/2024
24I0746-11	SB-10 (23-26)	Soil	09/10/2024	09/12/2024
24I0746-12	SB-11 (20-23)	Soil	09/11/2024	09/12/2024
24I0746-13	SB-32 (10-12)	Soil	09/11/2024	09/12/2024
24I0746-14	SB-34 (25-27)	Soil	09/11/2024	09/12/2024
24I0746-15	SB-33 (8-10)	Soil	09/11/2024	09/12/2024

General Notes for York Project (SDG) No.: 24I0746

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

Approved By: 

Date: 09/20/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB-62 (2-5) **York Sample ID:** 24I0746-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 10:10 am	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								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	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND	CCVE, QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.066	0.13	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-62 (2-5) **York Sample ID:** 24I0746-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 10:10 am	09/12/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0066	0.013	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-62 (2-5) **York Sample ID:** 24I0746-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 10:10 am	09/12/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.015**	CCVE	mg/kg dry	0.0066	0.013	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-62 (2-5) **York Sample ID:** 24I0746-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 10:10 am	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0033	0.0066	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C	09/20/2024 08:00	09/20/2024 18:09	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*136 %*	S-03, S-08	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.6 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*		*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0917	0.183	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-62 (2-5) **York Sample ID:** 24I0746-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 10:10 am	09/12/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0917	0.183	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.184	0.367	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-62 (2-5) **York Sample ID:** 24I0746-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 10:10 am	09/12/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0535**	J	mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0917	0.183	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-62 (2-5) **York Sample ID:** 24I0746-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 10:10 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	09/17/2024 12:18	09/19/2024 15:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*111 %*	S-08	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*97.9 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*115 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*108 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*103 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*107 %*		*24-116*

Sample Information

Client Sample ID: SB-62 (2-5) **York Sample ID:** 24I0746-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 10:10 am	09/12/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.93	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**15.4**		mg/kg dry	1.16	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.039	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.232	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**17.0**		mg/kg dry	0.387	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**43.5**		mg/kg dry	1.55	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**12.6**		mg/kg dry	0.387	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.4**		mg/kg dry	0.771	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.93	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.390	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.93	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**68.8**		mg/kg dry	1.93	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.0397**		mg/kg dry	0.0334	1	EPA 7473	09/14/2024 09:14	09/15/2024 15:39	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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	09/13/2024 07:24	09/13/2024 11:38	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-28 (0.5-2) **York Sample ID:** 24I0746-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 10:45 am	09/12/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	09/17/2024 12:13	09/18/2024 15:04	SCB
							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	09/17/2024 12:13	09/18/2024 15:04	SCB
							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	09/17/2024 12:13	09/18/2024 15:04	SCB
							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	09/17/2024 12:13	09/18/2024 15:04	SCB
							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	09/17/2024 12:13	09/18/2024 15:04	SCB
							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	09/17/2024 12:13	09/18/2024 15:04	SCB
							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	09/17/2024 12:13	09/18/2024 15:04	SCB
							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	09/17/2024 12:13	09/18/2024 15:04	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*	*30-120*

Total Solids

Log-in Notes: VOA-CONT **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**	**94.7**		%	0.100	1	SM 2540G	09/13/2024 07:24	09/13/2024 11:38	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-63 (10-12) **York Sample ID:** 24I0746-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 11:15 am	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								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	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-63 (10-12) **York Sample ID:** 24I0746-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 11:15 am	09/12/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-63 (10-12) **York Sample ID:** 24I0746-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 11:15 am	09/12/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-63 (10-12) **York Sample ID:** 24I0746-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 11:15 am	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0030	0.0059	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:17	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.2 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*158 %*	S-03, S-08	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0997	0.199	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0997	0.199	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0997	0.199	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-63 (10-12) **York Sample ID:** 24I0746-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 11:15 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0997	0.199	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0997	0.199	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0997	0.199	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0997	0.199	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0997	0.199	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.200	0.399	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.200	0.399	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-63 (10-12) **York Sample ID:** 24I0746-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 11:15 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0997	0.199	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0997	0.199	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-63 (10-12) **York Sample ID:** 24I0746-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 11:15 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.200	0.399	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*99.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*86.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*102 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*96.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*99.4 %*	*24-116*

Sample Information

Client Sample ID: SB-63 (10-12) **York Sample ID:** 24I0746-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 11:15 am	09/12/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	2.10	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.95**		mg/kg dry	1.26	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.042	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.252	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**4.66**		mg/kg dry	0.421	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**11.8**		mg/kg dry	1.68	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**2.55**		mg/kg dry	0.421	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**6.74**		mg/kg dry	0.838	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.10	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.424	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.10	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**24.4**		mg/kg dry	2.09	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0363	1	EPA 7473	09/14/2024 09:14	09/15/2024 15:39	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.6**		%	0.100	1	SM 2540G	09/13/2024 07:24	09/13/2024 11:38	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-17 (25-28)** **York Sample ID:** **24I0746-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 1:30 pm	09/12/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								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	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-17 (25-28) **York Sample ID:** 24I0746-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 1:30 pm	09/12/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-17 (25-28) **York Sample ID:** 24I0746-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 1:30 pm	09/12/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **SB-17 (25-28)** **York Sample ID:** **24I0746-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 1:30 pm	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0024	0.0049	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C	09/19/2024 08:00	09/19/2024 16:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.4 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*146 %*	S-03, S-08	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0984	0.197	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0984	0.197	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0984	0.197	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-17 (25-28) **York Sample ID:** 24I0746-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 1:30 pm	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0984	0.197	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0984	0.197	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0984	0.197	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0984	0.197	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0984	0.197	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.197	0.394	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.197	0.394	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-17 (25-28) **York Sample ID:** 24I0746-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 1:30 pm	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0984	0.197	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0984	0.197	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-17 (25-28) **York Sample ID:** 24I0746-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 1:30 pm	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.197	0.394	2	EPA 8270D	09/17/2024 12:18	09/19/2024 16:37	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*107 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*93.5 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*109 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*104 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*99.8 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*99.9 %*		*24-116*

Sample Information

Client Sample ID: SB-17 (25-28) **York Sample ID:** 24I0746-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 1:30 pm	09/12/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	09/17/2024 12:13	09/18/2024 15:17	SCB
							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	09/17/2024 12:13	09/18/2024 15:17	SCB
							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	09/17/2024 12:13	09/18/2024 15:17	SCB
							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	09/17/2024 12:13	09/18/2024 15:17	SCB
							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	09/17/2024 12:13	09/18/2024 15:17	SCB
							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	09/17/2024 12:13	09/18/2024 15:17	SCB
							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	09/17/2024 12:13	09/18/2024 15:17	SCB
							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	09/17/2024 12:13	09/18/2024 15:17	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.5 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	2.08	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**12.8**		mg/kg dry	1.25	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.042	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.249	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.39**		mg/kg dry	0.415	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**18.0**		mg/kg dry	1.66	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**6.46**		mg/kg dry	0.415	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**11.9**		mg/kg dry	0.827	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.08	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-17 (25-28) **York Sample ID:** 24I0746-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 9, 2024 1:30 pm	09/12/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.418	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.08	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**41.7**		mg/kg dry	2.07	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0359	1	EPA 7473	09/14/2024 09:14	09/15/2024 15:39	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**83.6**		%	0.100	1	SM 2540G	09/13/2024 07:24	09/13/2024 11:38	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: RB_9.9.24 **York Sample ID:** 24I0746-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Water	September 9, 2024 3:30 pm	09/12/2024

VOA, 8260 LOW MASTER

Log-in Notes: VOA-CONT **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	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_9.9.24 **York Sample ID:** 24I0746-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Water	September 9, 2024 3:30 pm	09/12/2024

VOA, 8260 LOW MASTER **Log-in Notes:** VOA-CONT **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	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**0.920**		ug/L	0.245	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**9.05**		ug/L	0.243	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: RB_9.9.24 **York Sample ID:** 24I0746-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Water	September 9, 2024 3:30 pm	09/12/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_9.9.24 **York Sample ID:** 24I0746-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Water	September 9, 2024 3:30 pm	09/12/2024

VOA, 8260 LOW MASTER

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/20/2024 09:00	09/20/2024 17:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.4 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes: VOA-CONT **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	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.9.24 **York Sample ID:** 24I0746-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Water	September 9, 2024 3:30 pm	09/12/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	QL-02, CCVE	ug/L	5.00	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	QL-02, CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.9.24 **York Sample ID:** 24I0746-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Water	September 9, 2024 3:30 pm	09/12/2024

SVOA, 8270 LOW MASTER

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/15/2024 07:48	09/16/2024 18:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*35.7 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*16.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*99.6 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*81.1 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*142 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.8 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: VOA-CONT **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

Sample Information

Client Sample ID: RB_9.9.24 **York Sample ID:** 24I0746-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Water	September 9, 2024 3:30 pm	09/12/2024

SVOA, 8270 SIM MASTER **Log-in Notes:** VOA-CONT **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	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.0500**	B	ug/L	0.0500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND	QL-02	ug/L	0.0200	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.200**	QL-02, B	ug/L	0.0500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	ICVE, QL-02	ug/L	0.500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	ICVE	ug/L	0.250	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: RB_9.9.24 **York Sample ID:** 24I0746-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Water	September 9, 2024 3:30 pm	09/12/2024

SVOA, 8270 SIM MASTER

Log-in Notes: VOA-CONT **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
85-01-8	**Phenanthrene**	**0.100**	QL-02, B	ug/L	0.0500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0500**	B	ug/L	0.0500	1	EPA 8270D SIM	09/15/2024 07:48	09/16/2024 16:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	09/14/2024 07:50	09/16/2024 00:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	09/14/2024 07:50	09/16/2024 00:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	09/14/2024 07:50	09/16/2024 00:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	09/14/2024 07:50	09/16/2024 00:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	09/14/2024 07:50	09/16/2024 00:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	**Aroclor 1254**	**0.202**		ug/L	0.0500	1	EPA 8082A	09/14/2024 07:50	09/16/2024 00:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	09/14/2024 07:50	09/16/2024 00:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.202**		ug/L	0.0500	1	EPA 8082A	09/14/2024 07:50	09/16/2024 00:03	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.5 %*	*30-120*

Metals, Priority Pollutant-Low Level

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	09/16/2024 08:23	09/17/2024 17:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	09/16/2024 08:23	09/17/2024 17:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/16/2024 08:23	09/17/2024 17:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/16/2024 08:23	09/17/2024 17:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.9.24 **York Sample ID:** 24I0746-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Water	September 9, 2024 3:30 pm	09/12/2024

Metals, Priority Pollutant-Low Level

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**2.15**		ug/L	1.11	1	EPA 6020B	09/16/2024 08:23	09/17/2024 17:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**1.33**		ug/L	1.11	1	EPA 6020B	09/16/2024 08:23	09/17/2024 17:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	09/16/2024 08:23	09/17/2024 17:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		ug/L	1.11	1	EPA 6020B	09/16/2024 08:23	09/17/2024 17:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**1.32**		ug/L	1.11	1	EPA 6020B	09/16/2024 08:23	09/17/2024 17:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	09/16/2024 08:23	09/17/2024 17:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/16/2024 08:23	09/17/2024 17:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**13.6**		ug/L	1.11	1	EPA 6020B	09/16/2024 08:23	09/17/2024 17:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes: VOA-CONT **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	09/16/2024 08:40	09/16/2024 08:40	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **SB-19 (1-3)** **York Sample ID:** **24I0746-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 8:40 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0928	0.185	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0928	0.185	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-19 (1-3) **York Sample ID:** 24I0746-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 8:40 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.155**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.138**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.157**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.151**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.118**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-19 (1-3) **York Sample ID:** 24I0746-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 8:40 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
86-74-8	Carbazole	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.158**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.292**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.138**	CCVE	mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.160**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-19 (1-3) **York Sample ID:** 24I0746-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 8:40 am	09/12/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.279**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	09/17/2024 08:46	09/20/2024 14:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.3 %*	*30-130*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*57.9 %*	*30-130*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.7 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.0 %*	*30-130*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.7 %*	*30-130*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.94	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**18.3**		mg/kg dry	1.16	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.039	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.326**		mg/kg dry	0.233	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.8**		mg/kg dry	0.388	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**76.2**		mg/kg dry	1.55	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**35.2**		mg/kg dry	0.388	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**31.0**		mg/kg dry	0.773	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.94	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.391	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.94	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**74.4**		mg/kg dry	1.93	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-19 (1-3) **York Sample ID:** 24I0746-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 8:40 am	09/12/2024

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.0574**		mg/kg dry	0.0335	1	EPA 7473	09/14/2024 09:10	09/15/2024 15:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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	09/13/2024 07:24	09/13/2024 11:38	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-18 (2-5)** **York Sample ID:** **24I0746-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 1:45 pm	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.110	0.220	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.110	0.220	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-18 (2-5) **York Sample ID:** 24I0746-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 1:45 pm	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.110	0.220	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-18 (2-5) **York Sample ID:** 24I0746-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 1:45 pm	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
86-74-8	Carbazole	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0679**	J	mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-18 (2-5) **York Sample ID:** 24I0746-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 1:45 pm	09/12/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
108-95-2	Phenol	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0553	0.110	2	EPA 8270D	09/17/2024 08:46	09/19/2024 17:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*75.0 %*	*30-130*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*67.4 %*	*30-130*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.3 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.2 %*	*30-130*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.7 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.5 %*	*30-130*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	2.36	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**66.2**		mg/kg dry	1.41	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.724**		mg/kg dry	0.048	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.294**		mg/kg dry	0.283	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.8**		mg/kg dry	0.472	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**119**		mg/kg dry	1.89	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**68.8**		mg/kg dry	0.472	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**66.0**		mg/kg dry	0.940	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**13.8**		mg/kg dry	2.36	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.475	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.36	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**168**		mg/kg dry	2.35	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-18 (2-5) **York Sample ID:** 24I0746-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 1:45 pm	09/12/2024

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**1.30**		mg/kg dry	0.0408	1	EPA 7473	09/14/2024 09:10	09/15/2024 15:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**73.6**		%	0.100	1	SM 2540G	09/13/2024 07:24	09/13/2024 11:38	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-DUP-2** **York Sample ID:** **24I0746-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 12:01 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0892	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0892	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-DUP-2 **York Sample ID:** 24I0746-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 12:01 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0892	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-DUP-2 **York Sample ID:** 24I0746-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 12:01 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
86-74-8	Carbazole	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-DUP-2 **York Sample ID:** 24I0746-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 12:01 am	09/12/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
108-95-2	Phenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*69.9 %*	*30-130*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.4 %*	*30-130*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.0 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.2 %*	*30-130*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.9 %*	*30-130*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.88	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**71.4**		mg/kg dry	1.13	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**1.36**		mg/kg dry	0.038	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.226	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**5.59**		mg/kg dry	0.377	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**26.2**		mg/kg dry	1.51	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**9.28**		mg/kg dry	0.377	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**6.41**		mg/kg dry	0.750	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**6.52**		mg/kg dry	1.88	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.379	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.88	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**14.2**		mg/kg dry	1.87	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-DUP-2 **York Sample ID:** 24I0746-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 12:01 am	09/12/2024

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.835**		mg/kg dry	0.0325	1	EPA 7473	09/14/2024 09:10	09/15/2024 15:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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	09/13/2024 07:24	09/13/2024 11:38	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-23 (18-21) **York Sample ID:** 24I0746-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 9:30 am	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								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	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

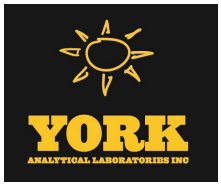
Client Sample ID: SB-23 (18-21) **York Sample ID:** 24I0746-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 9:30 am	09/12/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.015**		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		



Sample Information

Client Sample ID: **SB-23 (18-21)** **York Sample ID:** **24I0746-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 9:30 am	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.033**		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.011**		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.0090**		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-23 (18-21) **York Sample ID:** 24I0746-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 9:30 am	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0027	0.0055	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C	09/19/2024 20:40	09/20/2024 14:25	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*152 %*	S-03, S-08	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0901	0.180	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-23 (18-21) **York Sample ID:** 24I0746-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 9:30 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0901	0.180	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.180	0.361	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-23 (18-21) **York Sample ID:** 24I0746-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 9:30 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0901	0.180	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-23 (18-21) **York Sample ID:** 24I0746-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 9:30 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	09/17/2024 08:46	09/19/2024 18:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*44.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*46.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*47.8 %*	*24-116*

Sample Information

Client Sample ID: SB-23 (18-21) **York Sample ID:** 24I0746-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 9:30 am	09/12/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.88	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**27.9**		mg/kg dry	1.13	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.038	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.226	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.6**		mg/kg dry	0.377	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**45.9**		mg/kg dry	1.51	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**8.71**		mg/kg dry	0.377	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.1**		mg/kg dry	0.750	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.88	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.379	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.88	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**92.8**		mg/kg dry	1.87	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0325	1	EPA 7473	09/14/2024 09:10	09/15/2024 15:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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	09/13/2024 07:24	09/13/2024 11:38	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-9 (17-20) **York Sample ID:** 24I0746-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 11:30 am	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.039	0.077	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-9 (17-20) **York Sample ID:** 24I0746-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 11:30 am	09/12/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-9 (17-20) **York Sample ID:** 24I0746-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 11:30 am	09/12/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	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 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-9 (17-20) **York Sample ID:** 24I0746-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 11:30 am	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0039	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	09/19/2024 08:00	09/19/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*115 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*127 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0866	0.173	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-9 (17-20) **York Sample ID:** 24I0746-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 11:30 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0866	0.173	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.173	0.347	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.173	0.347	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-9 (17-20) **York Sample ID:** 24I0746-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 11:30 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0866	0.173	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-9 (17-20) **York Sample ID:** 24I0746-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 11:30 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.173	0.347	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*82.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*73.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.7 %*	*24-116*

Sample Information

Client Sample ID: SB-9 (17-20) **York Sample ID:** 24I0746-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 11:30 am	09/12/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	09/17/2024 12:13	09/18/2024 15:31	SCB
							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	09/17/2024 12:13	09/18/2024 15:31	SCB
							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	09/17/2024 12:13	09/18/2024 15:31	SCB
							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	09/17/2024 12:13	09/18/2024 15:31	SCB
							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	09/17/2024 12:13	09/18/2024 15:31	SCB
							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	09/17/2024 12:13	09/18/2024 15:31	SCB
							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	09/17/2024 12:13	09/18/2024 15:31	SCB
							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	09/17/2024 12:13	09/18/2024 15:31	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.84	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**18.8**		mg/kg dry	1.10	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.062**		mg/kg dry	0.037	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.221	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.6**		mg/kg dry	0.368	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**32.2**		mg/kg dry	1.47	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**11.2**		mg/kg dry	0.368	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**17.4**		mg/kg dry	0.732	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.84	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-9 (17-20) **York Sample ID:** 24I0746-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 11:30 am	09/12/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.371	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.84	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**70.7**		mg/kg dry	1.83	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0318	1	EPA 7473	09/14/2024 09:10	09/15/2024 15:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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	09/13/2024 07:24	09/13/2024 11:38	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-10 (23-26) **York Sample ID:** 24I0746-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 12:15 pm	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								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	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.086	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-10 (23-26) **York Sample ID:** 24I0746-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 12:15 pm	09/12/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-10 (23-26) **York Sample ID:** 24I0746-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 12:15 pm	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.0055**		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.0090**		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-10 (23-26) **York Sample ID:** 24I0746-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 12:15 pm	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0021	0.0043	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*119 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0872	0.174	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-10 (23-26) **York Sample ID:** 24I0746-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 12:15 pm	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0872	0.174	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.349	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.175	0.349	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-10 (23-26) **York Sample ID:** 24I0746-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 12:15 pm	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0872	0.174	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-10 (23-26) **York Sample ID:** 24I0746-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 12:15 pm	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.349	2	EPA 8270D	09/17/2024 08:46	09/19/2024 19:40	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*70.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*65.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.3 %*	*24-116*

Sample Information

Client Sample ID: SB-10 (23-26) **York Sample ID:** 24I0746-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 12:15 pm	09/12/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	09/17/2024 12:13	09/18/2024 15:44	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	09/17/2024 12:13	09/18/2024 15:44	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	09/17/2024 12:13	09/18/2024 15:44	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	09/17/2024 12:13	09/18/2024 15:44	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	09/17/2024 12:13	09/18/2024 15:44	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	09/17/2024 12:13	09/18/2024 15:44	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	09/17/2024 12:13	09/18/2024 15:44	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	09/17/2024 12:13	09/18/2024 15:44	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.5 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.87	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**25.6**		mg/kg dry	1.12	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.038	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.224	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**21.4**		mg/kg dry	0.374	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**47.5**		mg/kg dry	1.50	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**7.70**		mg/kg dry	0.374	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.8**		mg/kg dry	0.745	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.87	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-10 (23-26) **York Sample ID:** 24I0746-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 10, 2024 12:15 pm	09/12/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.377	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:50	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	09/16/2024 14:37	09/17/2024 13:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**107**		mg/kg dry	1.86	1	EPA 6010D	09/16/2024 14:37	09/17/2024 13:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0323	1	EPA 7473	09/14/2024 09:10	09/15/2024 15:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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	09/13/2024 07:24	09/13/2024 11:38	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-11 (20-23) **York Sample ID:** 24I0746-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 12:15 pm	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								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	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

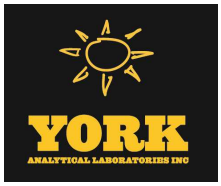
Client Sample ID: SB-11 (20-23) **York Sample ID:** 24I0746-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 12:15 pm	09/12/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		



Sample Information

Client Sample ID: SB-11 (20-23) **York Sample ID:** 24I0746-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 12:15 pm	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-11 (20-23) **York Sample ID:** 24I0746-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 12:15 pm	09/12/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0026	0.0052	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	09/19/2024 08:00	09/19/2024 18:32	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*115 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.175	0.350	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-11 (20-23) **York Sample ID:** 24I0746-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 12:15 pm	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.175	0.350	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.350	0.701	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.350	0.701	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-11 (20-23) **York Sample ID:** 24I0746-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 12:15 pm	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.175	0.350	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-11 (20-23) **York Sample ID:** 24I0746-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 12:15 pm	09/12/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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**	**0.110**	J	mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.150**	J	mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.350	0.701	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*86.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*76.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*91.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*84.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*81.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.0 %*	*24-116*

Sample Information

Client Sample ID: SB-11 (20-23) **York Sample ID:** 24I0746-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 12:15 pm	09/12/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	09/17/2024 12:13	09/18/2024 15:57	SCB
							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	09/17/2024 12:13	09/18/2024 15:57	SCB
							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	09/17/2024 12:13	09/18/2024 15:57	SCB
							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	09/17/2024 12:13	09/18/2024 15:57	SCB
							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	09/17/2024 12:13	09/18/2024 15:57	SCB
							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	09/17/2024 12:13	09/18/2024 15:57	SCB
							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	09/17/2024 12:13	09/18/2024 15:57	SCB
							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	09/17/2024 12:13	09/18/2024 15:57	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.91	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**14.1**		mg/kg dry	1.15	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.039	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.229	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.9**		mg/kg dry	0.382	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**47.7**		mg/kg dry	1.53	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**8.32**		mg/kg dry	0.382	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**17.1**		mg/kg dry	0.761	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.91	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-11 (20-23) **York Sample ID:** 24I0746-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 12:15 pm	09/12/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.385	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.91	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**73.9**		mg/kg dry	1.90	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.209**		mg/kg dry	0.0330	1	EPA 7473	09/14/2024 09:10	09/15/2024 15:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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	09/13/2024 07:24	09/13/2024 11:38	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-32 (10-12)** **York Sample ID:** **24I0746-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 11:00 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0918	0.183	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0918	0.183	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-32 (10-12) **York Sample ID:** 24I0746-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 11:00 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0918	0.183	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-32 (10-12) **York Sample ID:** 24I0746-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 11:00 am	09/12/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.0741**	J	mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-32 (10-12) **York Sample ID:** 24I0746-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 11:00 am	09/12/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0550**	J	mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/17/2024 08:46	09/19/2024 20:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*82.8 %*	*30-130*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*76.0 %*	*30-130*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.3 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.4 %*	*30-130*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.2 %*	*30-130*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.94	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**10.7**		mg/kg dry	1.17	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.039	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.233	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**17.9**		mg/kg dry	0.389	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**38.1**		mg/kg dry	1.55	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**16.3**		mg/kg dry	0.389	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**18.7**		mg/kg dry	0.774	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.94	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.392	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.94	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**76.9**		mg/kg dry	1.94	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-32 (10-12) **York Sample ID:** 24I0746-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 11:00 am	09/12/2024

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.0391**		mg/kg dry	0.0336	1	EPA 7473	09/14/2024 09:10	09/15/2024 15:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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	09/13/2024 07:24	09/13/2024 11:38	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-34 (25-27)** **York Sample ID:** **24I0746-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 10:00 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.178	0.355	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.178	0.355	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.178	0.355	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.178	0.355	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.178	0.355	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.178	0.355	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-34 (25-27) **York Sample ID:** 24I0746-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 10:00 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.178	0.355	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.178	0.355	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.178	0.355	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-34 (25-27) **York Sample ID:** 24I0746-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 10:00 am	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
86-74-8	Carbazole	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-34 (25-27) **York Sample ID:** 24I0746-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 10:00 am	09/12/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
108-95-2	Phenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.0 %*	*30-130*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*51.0 %*	*30-130*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.8 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.2 %*	*30-130*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*55.6 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*52.9 %*	*30-130*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.94	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**17.7**		mg/kg dry	1.16	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.039	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.232	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.8**		mg/kg dry	0.388	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**32.7**		mg/kg dry	1.55	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**8.03**		mg/kg dry	0.388	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.6**		mg/kg dry	0.772	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.94	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.390	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.94	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**74.8**		mg/kg dry	1.93	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-34 (25-27) **York Sample ID:** 24I0746-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 10:00 am	09/12/2024

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0335	1	EPA 7473	09/14/2024 09:10	09/15/2024 15:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**89.6**		%	0.100	1	SM 2540G	09/13/2024 07:24	09/13/2024 11:38	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-33 (8-10)** **York Sample ID:** **24I0746-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 1:00 pm	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0966	0.193	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0966	0.193	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-33 (8-10) **York Sample ID:** 24I0746-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 1:00 pm	09/12/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0966	0.193	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-33 (8-10) **York Sample ID:** 24I0746-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 1:00 pm	09/12/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
86-74-8	Carbazole	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-33 (8-10) **York Sample ID:** 24I0746-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 1:00 pm	09/12/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
108-95-2	Phenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/17/2024 08:46	09/19/2024 21:43	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*86.6 %*	*30-130*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*78.3 %*	*30-130*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*90.0 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*82.2 %*	*30-130*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.7 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.4 %*	*30-130*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	2.02	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.48**		mg/kg dry	1.22	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.041	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.85**		mg/kg dry	0.243	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**41.8**		mg/kg dry	0.405	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**2390**		mg/kg dry	1.62	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**120**		mg/kg dry	0.405	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**986**		mg/kg dry	0.807	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.02	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.408	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.02	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**734**		mg/kg dry	2.02	1	EPA 6010D	09/16/2024 14:37	09/17/2024 14:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-33 (8-10) **York Sample ID:** 24I0746-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0746	Remington Arms/HER1510.P2	Soil	September 11, 2024 1:00 pm	09/12/2024

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0350	1	EPA 7473	09/14/2024 09:10	09/15/2024 15:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.7**		%	0.100	1	SM 2540G	09/13/2024 07:24	09/13/2024 11:38	HLY
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BI40800 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24I0746-01	SB-62 (2-5)	09/13/24
24I0746-02	SB-28 (0.5-2)	09/13/24
24I0746-03	SB-63 (10-12)	09/13/24
24I0746-04	SB-17 (25-28)	09/13/24
24I0746-06	SB-19 (1-3)	09/13/24
24I0746-07	SB-18 (2-5)	09/13/24
24I0746-08	SB-DUP-2	09/13/24
24I0746-09	SB-23 (18-21)	09/13/24
24I0746-10	SB-9 (17-20)	09/13/24
24I0746-11	SB-10 (23-26)	09/13/24
24I0746-12	SB-11 (20-23)	09/13/24
24I0746-13	SB-32 (10-12)	09/13/24
24I0746-14	SB-34 (25-27)	09/13/24
24I0746-15	SB-33 (8-10)	09/13/24
BI40800-DUP1	Duplicate	09/13/24

Batch ID: BI40867 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** GXB

YORK Sample ID	Client Sample ID	Preparation Date
24I0746-05	RB_9.9.24	09/14/24
BI40867-BLK1	Blank	09/14/24
BI40867-BS1	LCS	09/14/24
BI40867-BSD1	LCS Dup	09/14/24

Batch ID: BI40871 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0746-06	SB-19 (1-3)	09/14/24
24I0746-07	SB-18 (2-5)	09/14/24
24I0746-08	SB-DUP-2	09/14/24
24I0746-09	SB-23 (18-21)	09/14/24
24I0746-10	SB-9 (17-20)	09/14/24
24I0746-11	SB-10 (23-26)	09/14/24
24I0746-12	SB-11 (20-23)	09/14/24
24I0746-13	SB-32 (10-12)	09/14/24
24I0746-14	SB-34 (25-27)	09/14/24
24I0746-15	SB-33 (8-10)	09/14/24
BI40871-BLK1	Blank	09/14/24
BI40871-DUP1	Duplicate	09/14/24
BI40871-MS1	Matrix Spike	09/14/24
BI40871-SRM1	Reference	09/14/24

Batch ID: BI40872 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0746-01	SB-62 (2-5)	09/14/24
24I0746-03	SB-63 (10-12)	09/14/24
24I0746-04	SB-17 (25-28)	09/14/24
BI40872-BLK1	Blank	09/14/24
BI40872-SRM1	Reference	09/14/24

Batch ID: BI40886 **Preparation Method:** EPA 3510C **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
24I0746-05	RB_9.9.24	09/15/24
BI40886-BLK1	Blank	09/15/24
BI40886-BLK2	Blank	09/15/24
BI40886-BS1	LCS	09/15/24
BI40886-BS2	LCS	09/15/24
BI40886-BSD1	LCS Dup	09/15/24

Batch ID: BI40932 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24I0746-05	RB_9.9.24	09/16/24
BI40932-BLK1	Blank	09/16/24
BI40932-BS1	LCS	09/16/24
BI40932-DUP1	Duplicate	09/16/24
BI40932-MS1	Matrix Spike	09/16/24

Batch ID: BI40943 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24I0746-05	RB_9.9.24	09/16/24
BI40943-BLK1	Blank	09/16/24
BI40943-BLK2	Blank	09/16/24
BI40943-BS1	LCS	09/16/24
BI40943-BS2	LCS	09/16/24

Batch ID: BI40966 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I0746-01	SB-62 (2-5)	09/16/24
24I0746-03	SB-63 (10-12)	09/16/24
24I0746-04	SB-17 (25-28)	09/16/24
24I0746-06	SB-19 (1-3)	09/16/24
24I0746-07	SB-18 (2-5)	09/16/24
24I0746-08	SB-DUP-2	09/16/24
24I0746-09	SB-23 (18-21)	09/16/24
24I0746-10	SB-9 (17-20)	09/16/24
24I0746-11	SB-10 (23-26)	09/16/24
24I0746-12	SB-11 (20-23)	09/16/24

24I0746-13	SB-32 (10-12)	09/16/24
24I0746-14	SB-34 (25-27)	09/16/24
24I0746-15	SB-33 (8-10)	09/16/24
BI40966-BLK1	Blank	09/16/24
BI40966-DUP1	Duplicate	09/16/24
BI40966-MS1	Matrix Spike	09/16/24
BI40966-PS1	Post Spike	09/16/24
BI40966-SRM1	Reference	09/16/24

Batch ID: BI41021 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0746-07	SB-18 (2-5)	09/17/24
24I0746-08	SB-DUP-2	09/17/24
24I0746-09	SB-23 (18-21)	09/17/24
24I0746-10	SB-9 (17-20)	09/17/24
24I0746-11	SB-10 (23-26)	09/17/24
24I0746-12	SB-11 (20-23)	09/17/24
24I0746-13	SB-32 (10-12)	09/17/24
24I0746-14	SB-34 (25-27)	09/17/24
24I0746-15	SB-33 (8-10)	09/17/24
BI41021-BLK1	Blank	09/17/24
BI41021-BS1	LCS	09/17/24
BI41021-MS1	Matrix Spike	09/17/24
BI41021-MSD1	Matrix Spike Dup	09/17/24

Batch ID: BI41044 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I0746-02	SB-28 (0.5-2)	09/17/24
24I0746-04	SB-17 (25-28)	09/17/24
24I0746-10	SB-9 (17-20)	09/17/24
24I0746-11	SB-10 (23-26)	09/17/24
24I0746-12	SB-11 (20-23)	09/17/24
BI41044-BLK2	Blank	09/17/24
BI41044-BS2	LCS	09/17/24

Batch ID: BI41045 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24I0746-01	SB-62 (2-5)	09/17/24
24I0746-03	SB-63 (10-12)	09/17/24
24I0746-04	SB-17 (25-28)	09/17/24
BI41045-BLK1	Blank	09/17/24
BI41045-BS1	LCS	09/17/24

Batch ID: BI41205 **Preparation Method:** EPA 5030B **Prepared By:** SKF

YORK Sample ID	Client Sample ID	Preparation Date

24I0746-05	RB_9.9.24	09/20/24
BI41205-BLK1	Blank	09/20/24
BI41205-BS1	LCS	09/20/24

Batch ID: BI41252 **Preparation Method:** EPA 5035A **Prepared By:** SKF

YORK Sample ID	Client Sample ID	Preparation Date
24I0746-03	SB-63 (10-12)	09/19/24
24I0746-04	SB-17 (25-28)	09/19/24
24I0746-10	SB-9 (17-20)	09/19/24
24I0746-11	SB-10 (23-26)	09/19/24
24I0746-12	SB-11 (20-23)	09/19/24
BI41252-BLK1	Blank	09/19/24
BI41252-BS1	LCS	09/19/24
BI41252-BSD1	LCS Dup	09/19/24

Batch ID: BI41257 **Preparation Method:** EPA 5035A **Prepared By:** SKF

YORK Sample ID	Client Sample ID	Preparation Date
24I0746-01	SB-62 (2-5)	09/20/24
BI41257-BLK1	Blank	09/20/24
BI41257-BS1	LCS	09/20/24

Batch ID: BI41260 **Preparation Method:** EPA 5035A **Prepared By:** SKF

YORK Sample ID	Client Sample ID	Preparation Date
24I0746-09	SB-23 (18-21)	09/19/24
BI41260-BLK1	Blank	09/19/24
BI41260-BS1	LCS	09/19/24
BI41260-BSD1	LCS Dup	09/19/24

Batch ID: BI41292 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I0746-06	SB-19 (1-3)	09/17/24
BI41292-BLK1	Blank	09/20/24
BI41292-BS1	LCS	09/20/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41205 - EPA 5030B											
Blank (BI41205-BLK1)									Prepared & Analyzed: 09/20/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41205 - EPA 5030B											
Blank (BI41205-BLK1)								Prepared & Analyzed: 09/20/2024			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.85*		*"*	*10.0*		*98.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.68*		*"*	*10.0*		*96.8*	*79-122*				
LCS (BI41205-BS1)								Prepared & Analyzed: 09/20/2024			
1,1,1,2-Tetrachloroethane	8.77		ug/L	10.0		87.7	82-126				
1,1,1-Trichloroethane	8.85		"	10.0		88.5	78-136				
1,1,2,2-Tetrachloroethane	8.78		"	10.0		87.8	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.19		"	10.0		91.9	54-165				
1,1,2-Trichloroethane	8.57		"	10.0		85.7	82-123				
1,1-Dichloroethane	8.37		"	10.0		83.7	82-129				
1,1-Dichloroethylene	8.93		"	10.0		89.3	68-138				
1,2,3-Trichlorobenzene	8.90		"	10.0		89.0	76-136				
1,2,3-Trichloropropane	8.48		"	10.0		84.8	77-128				
1,2,4-Trichlorobenzene	8.85		"	10.0		88.5	76-137				
1,2,4-Trimethylbenzene	8.61		"	10.0		86.1	82-132				
1,2-Dibromo-3-chloropropane	8.62		"	10.0		86.2	45-147				
1,2-Dibromoethane	8.70		"	10.0		87.0	83-124				
1,2-Dichlorobenzene	8.41		"	10.0		84.1	79-123				
1,2-Dichloroethane	8.83		"	10.0		88.3	73-132				
1,2-Dichloropropane	8.32		"	10.0		83.2	78-126				
1,3,5-Trimethylbenzene	8.62		"	10.0		86.2	80-131				
1,3-Dichlorobenzene	8.31		"	10.0		83.1	86-122	Low Bias			
1,4-Dichlorobenzene	8.20		"	10.0		82.0	85-124	Low Bias			
1,4-Dioxane	196		"	210		93.3	10-349				
2-Butanone	9.20		"	10.0		92.0	49-152				
2-Hexanone	8.07		"	10.0		80.7	51-146				
4-Methyl-2-pentanone	8.50		"	10.0		85.0	57-145				
Acetone	20.5		"	10.0		205	14-150	High Bias			
Acrolein	12.2		"	10.0		122	10-153				
Acrylonitrile	9.58		"	10.0		95.8	51-150				
Benzene	9.07		"	10.0		90.7	85-126				
Bromochloromethane	8.63		"	10.0		86.3	77-128				
Bromodichloromethane	8.32		"	10.0		83.2	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41205 - EPA 5030B											
LCS (BI41205-BS1)								Prepared & Analyzed: 09/20/2024			
Bromoform	9.59		ug/L	10.0		95.9	78-133				
Bromomethane	5.11		"	10.0		51.1	43-168				
Carbon disulfide	9.51		"	10.0		95.1	68-146				
Carbon tetrachloride	9.35		"	10.0		93.5	77-141				
Chlorobenzene	8.59		"	10.0		85.9	88-120	Low Bias			
Chloroethane	9.67		"	10.0		96.7	65-136				
Chloroform	8.59		"	10.0		85.9	82-128				
Chloromethane	9.12		"	10.0		91.2	43-155				
cis-1,2-Dichloroethylene	8.67		"	10.0		86.7	83-129				
cis-1,3-Dichloropropylene	8.31		"	10.0		83.1	80-131				
Cyclohexane	9.67		"	10.0		96.7	63-149				
Dibromochloromethane	8.98		"	10.0		89.8	80-130				
Dibromomethane	8.39		"	10.0		83.9	72-134				
Dichlorodifluoromethane	17.2		"	10.0		172	44-144	High Bias			
Ethyl Benzene	8.72		"	10.0		87.2	80-131				
Hexachlorobutadiene	9.23		"	10.0		92.3	67-146				
Isopropylbenzene	8.45		"	10.0		84.5	76-140				
Methyl acetate	8.05		"	10.0		80.5	51-139				
Methyl tert-butyl ether (MTBE)	9.00		"	10.0		90.0	76-135				
Methylcyclohexane	8.49		"	10.0		84.9	72-143				
Methylene chloride	8.96		"	10.0		89.6	55-137				
n-Butylbenzene	8.38		"	10.0		83.8	79-132				
n-Propylbenzene	8.31		"	10.0		83.1	78-133				
o-Xylene	8.47		"	10.0		84.7	78-130				
p- & m- Xylenes	16.6		"	20.0		83.2	77-133				
p-Isopropyltoluene	8.66		"	10.0		86.6	81-136				
sec-Butylbenzene	8.44		"	10.0		84.4	79-137				
Styrene	8.68		"	10.0		86.8	67-132				
tert-Butyl alcohol (TBA)	58.5		"	50.0		117	25-162				
tert-Butylbenzene	8.36		"	10.0		83.6	77-138				
Tetrachloroethylene	5.60		"	10.0		56.0	82-131	Low Bias			
Toluene	8.65		"	10.0		86.5	80-127				
trans-1,2-Dichloroethylene	8.66		"	10.0		86.6	80-132				
trans-1,3-Dichloropropylene	8.63		"	10.0		86.3	78-131				
Trichloroethylene	8.31		"	10.0		83.1	82-128				
Trichlorofluoromethane	10.5		"	10.0		105	67-139				
Vinyl Chloride	11.0		"	10.0		110	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.86*		*"*	*10.0*		*98.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.58*		*"*	*10.0*		*95.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41252 - EPA 5035A											
Blank (BI41252-BLK1)									Prepared & Analyzed: 09/19/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	0.0061	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41252 - EPA 5035A											
Blank (BI41252-BLK1)								Prepared & Analyzed: 09/19/2024			
n-Propylbenzene	ND	0.0050	mg/kg wet								
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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.0*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.3*		*"*	*50.0*		*111*	*76-130*				
LCS (BI41252-BS1)								Prepared & Analyzed: 09/19/2024			
1,1,1,2-Tetrachloroethane	47.5		ug/L	50.0		95.0	75-129				
1,1,1-Trichloroethane	43.0		"	50.0		85.9	71-137				
1,1,2,2-Tetrachloroethane	50.6		"	50.0		101	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.0		"	50.0		88.0	58-146				
1,1,2-Trichloroethane	47.4		"	50.0		94.9	83-123				
1,1-Dichloroethane	44.5		"	50.0		89.1	75-130				
1,1-Dichloroethylene	45.1		"	50.0		90.2	64-137				
1,2,3-Trichlorobenzene	49.1		"	50.0		98.2	81-140				
1,2,3-Trichloropropane	49.7		"	50.0		99.4	81-126				
1,2,4-Trichlorobenzene	49.7		"	50.0		99.3	80-141				
1,2,4-Trimethylbenzene	51.0		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	49.0		"	50.0		98.0	74-142				
1,2-Dibromoethane	47.4		"	50.0		94.8	86-123				
1,2-Dichlorobenzene	49.8		"	50.0		99.6	85-122				
1,2-Dichloroethane	45.3		"	50.0		90.6	71-133				
1,2-Dichloropropane	49.0		"	50.0		98.1	81-122				
1,3,5-Trimethylbenzene	50.3		"	50.0		101	82-126				
1,3-Dichlorobenzene	48.8		"	50.0		97.6	84-124				
1,4-Dichlorobenzene	49.2		"	50.0		98.5	84-124				
1,4-Dioxane	1380		"	1050		131	10-228				
2-Butanone	44.6		"	50.0		89.3	58-147				
2-Hexanone	49.3		"	50.0		98.6	70-139				
4-Methyl-2-pentanone	48.0		"	50.0		95.9	72-132				
Acetone	156		"	50.0		312	36-155	High Bias			
Acrolein	21.7		"	50.0		43.4	10-238				
Acrylonitrile	49.4		"	50.0		98.9	66-141				
Benzene	46.6		"	50.0		93.2	77-127				
Bromochloromethane	44.3		"	50.0		88.7	74-129				
Bromodichloromethane	48.0		"	50.0		96.0	81-124				
Bromoform	46.4		"	50.0		92.8	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41252 - EPA 5035A											
LCS (BI41252-BS1)								Prepared & Analyzed: 09/19/2024			
Bromomethane	46.4		ug/L	50.0		92.8	32-177				
Carbon disulfide	49.0		"	50.0		97.9	10-136				
Carbon tetrachloride	42.6		"	50.0		85.2	66-143				
Chlorobenzene	48.9		"	50.0		97.8	86-120				
Chloroethane	48.3		"	50.0		96.5	51-142				
Chloroform	45.3		"	50.0		90.6	76-131				
Chloromethane	49.9		"	50.0		99.9	49-132				
cis-1,2-Dichloroethylene	45.5		"	50.0		90.9	74-132				
cis-1,3-Dichloropropylene	47.2		"	50.0		94.4	81-129				
Cyclohexane	42.9		"	50.0		85.9	70-130				
Dibromochloromethane	47.0		"	50.0		93.9	10-200				
Dibromomethane	46.0		"	50.0		91.9	83-124				
Dichlorodifluoromethane	50.3		"	50.0		101	28-158				
Ethyl Benzene	48.3		"	50.0		96.6	84-125				
Hexachlorobutadiene	42.2		"	50.0		84.4	83-133				
Isopropylbenzene	48.6		"	50.0		97.1	81-127				
Methyl acetate	43.2		"	50.0		86.4	41-143				
Methyl tert-butyl ether (MTBE)	46.5		"	50.0		93.0	74-131				
Methylcyclohexane	46.0		"	50.0		91.9	70-130				
Methylene chloride	40.9		"	50.0		81.9	57-141				
n-Butylbenzene	47.9		"	50.0		95.9	80-130				
n-Propylbenzene	48.4		"	50.0		96.9	74-136				
o-Xylene	48.2		"	50.0		96.4	83-123				
p- & m- Xylenes	96.5		"	100		96.5	82-128				
p-Isopropyltoluene	48.4		"	50.0		96.8	85-125				
sec-Butylbenzene	46.7		"	50.0		93.3	83-125				
Styrene	48.5		"	50.0		97.0	86-126				
tert-Butyl alcohol (TBA)	265		"	250		106	70-130				
tert-Butylbenzene	47.2		"	50.0		94.4	80-127				
Tetrachloroethylene	39.6		"	50.0		79.2	80-129	Low Bias			
Toluene	49.6		"	50.0		99.2	85-121				
trans-1,2-Dichloroethylene	45.8		"	50.0		91.6	72-132				
trans-1,3-Dichloropropylene	46.8		"	50.0		93.6	78-132				
Trichloroethylene	48.1		"	50.0		96.2	84-123				
Trichlorofluoromethane	49.1		"	50.0		98.3	62-140				
Vinyl Chloride	45.0		"	50.0		90.0	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41252 - EPA 5035A											
LCS Dup (BI41252-BSD1)								Prepared & Analyzed: 09/19/2024			
1,1,1,2-Tetrachloroethane	47.2		ug/L	50.0		94.4	75-129		0.612	30	
1,1,1-Trichloroethane	43.8		"	50.0		87.7	71-137		2.07	30	
1,1,2,2-Tetrachloroethane	50.1		"	50.0		100	79-129		0.934	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.3		"	50.0		90.7	58-146		2.93	30	
1,1,2-Trichloroethane	47.8		"	50.0		95.6	83-123		0.735	30	
1,1-Dichloroethane	45.1		"	50.0		90.1	75-130		1.21	30	
1,1-Dichloroethylene	47.0		"	50.0		94.1	64-137		4.17	30	
1,2,3-Trichlorobenzene	48.0		"	50.0		95.9	81-140		2.39	30	
1,2,3-Trichloropropane	50.4		"	50.0		101	81-126		1.32	30	
1,2,4-Trichlorobenzene	47.8		"	50.0		95.5	80-141		3.92	30	
1,2,4-Trimethylbenzene	50.8		"	50.0		102	84-125		0.550	30	
1,2-Dibromo-3-chloropropane	45.5		"	50.0		91.0	74-142		7.40	30	
1,2-Dibromoethane	47.5		"	50.0		95.1	86-123		0.337	30	
1,2-Dichlorobenzene	49.1		"	50.0		98.1	85-122		1.48	30	
1,2-Dichloroethane	46.5		"	50.0		93.1	71-133		2.72	30	
1,2-Dichloropropane	49.0		"	50.0		98.0	81-122		0.0408	30	
1,3,5-Trimethylbenzene	50.3		"	50.0		101	82-126		0.0199	30	
1,3-Dichlorobenzene	49.2		"	50.0		98.4	84-124		0.755	30	
1,4-Dichlorobenzene	47.8		"	50.0		95.6	84-124		2.97	30	
1,4-Dioxane	1310		"	1050		125	10-228		4.72	30	
2-Butanone	44.7		"	50.0		89.4	58-147		0.112	30	
2-Hexanone	46.9		"	50.0		93.8	70-139		5.05	30	
4-Methyl-2-pentanone	46.9		"	50.0		93.7	72-132		2.32	30	
Acetone	158		"	50.0		317	36-155	High Bias	1.69	30	
Acrolein	22.7		"	50.0		45.4	10-238		4.55	30	
Acrylonitrile	45.7		"	50.0		91.4	66-141		7.90	30	
Benzene	47.4		"	50.0		94.8	77-127		1.72	30	
Bromochloromethane	46.2		"	50.0		92.4	74-129		4.09	30	
Bromodichloromethane	47.4		"	50.0		94.7	81-124		1.38	30	
Bromoform	45.9		"	50.0		91.7	80-136		1.11	30	
Bromomethane	45.2		"	50.0		90.5	32-177		2.49	30	
Carbon disulfide	50.6		"	50.0		101	10-136		3.31	30	
Carbon tetrachloride	43.6		"	50.0		87.2	66-143		2.27	30	
Chlorobenzene	48.5		"	50.0		96.9	86-120		0.924	30	
Chloroethane	49.5		"	50.0		99.0	51-142		2.56	30	
Chloroform	45.6		"	50.0		91.1	76-131		0.550	30	
Chloromethane	50.9		"	50.0		102	49-132		1.88	30	
cis-1,2-Dichloroethylene	46.1		"	50.0		92.2	74-132		1.38	30	
cis-1,3-Dichloropropylene	46.4		"	50.0		92.9	81-129		1.64	30	
Cyclohexane	44.3		"	50.0		88.6	70-130		3.16	30	
Dibromochloromethane	46.3		"	50.0		92.6	10-200		1.46	30	
Dibromomethane	46.6		"	50.0		93.3	83-124		1.47	30	
Dichlorodifluoromethane	52.3		"	50.0		105	28-158		3.86	30	
Ethyl Benzene	48.2		"	50.0		96.3	84-125		0.290	30	
Hexachlorobutadiene	43.1		"	50.0		86.3	83-133		2.20	30	
Isopropylbenzene	48.8		"	50.0		97.6	81-127		0.534	30	
Methyl acetate	42.9		"	50.0		85.8	41-143		0.720	30	
Methyl tert-butyl ether (MTBE)	47.7		"	50.0		95.4	74-131		2.51	30	
Methylcyclohexane	46.7		"	50.0		93.3	70-130		1.55	30	
Methylene chloride	41.1		"	50.0		82.1	57-141		0.317	30	
n-Butylbenzene	48.1		"	50.0		96.2	80-130		0.354	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41252 - EPA 5035A											
LCS Dup (BI41252-BSD1)								Prepared & Analyzed: 09/19/2024			
n-Propylbenzene	48.5		ug/L	50.0		96.9	74-136		0.0206	30	
o-Xylene	48.1		"	50.0		96.2	83-123		0.166	30	
p- & m- Xylenes	96.8		"	100		96.8	82-128		0.341	30	
p-Isopropyltoluene	48.9		"	50.0		97.9	85-125		1.07	30	
sec-Butylbenzene	47.0		"	50.0		94.0	83-125		0.726	30	
Styrene	47.8		"	50.0		95.7	86-126		1.39	30	
tert-Butyl alcohol (TBA)	267		"	250		107	70-130		0.575	30	
tert-Butylbenzene	47.8		"	50.0		95.7	80-127		1.35	30	
Tetrachloroethylene	39.8		"	50.0		79.6	80-129	Low Bias	0.479	30	
Toluene	49.3		"	50.0		98.5	85-121		0.668	30	
trans-1,2-Dichloroethylene	46.6		"	50.0		93.1	72-132		1.65	30	
trans-1,3-Dichloropropylene	46.3		"	50.0		92.6	78-132		1.14	30	
Trichloroethylene	47.9		"	50.0		95.9	84-123		0.354	30	
Trichlorofluoromethane	52.0		"	50.0		104	62-140		5.67	30	
Vinyl Chloride	46.8		"	50.0		93.5	52-130		3.81	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				
Batch BI41257 - EPA 5035A											
Blank (BI41257-BLK1)								Prepared & Analyzed: 09/20/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41257 - EPA 5035A											
Blank (BI41257-BLK1)									Prepared & Analyzed: 09/20/2024		
Bromoform	ND	0.0050	mg/kg wet								
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	"								
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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*62.4*		*ug/L*	*50.0*		*125*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.8*		*"*	*50.0*		*93.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*59.2*		*"*	*50.0*		*118*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41257 - EPA 5035A											
LCS (BI41257-BS1)								Prepared & Analyzed: 09/20/2024			
1,1,1,2-Tetrachloroethane	47.5		ug/L	50.0		95.0	75-129				
1,1,1-Trichloroethane	48.7		"	50.0		97.5	71-137				
1,1,2,2-Tetrachloroethane	43.4		"	50.0		86.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.1		"	50.0		96.1	58-146				
1,1,2-Trichloroethane	43.8		"	50.0		87.5	83-123				
1,1-Dichloroethane	46.7		"	50.0		93.4	75-130				
1,1-Dichloroethylene	46.4		"	50.0		92.8	64-137				
1,2,3-Trichlorobenzene	46.9		"	50.0		93.9	81-140				
1,2,3-Trichloropropane	44.5		"	50.0		89.1	81-126				
1,2,4-Trichlorobenzene	49.4		"	50.0		98.8	80-141				
1,2,4-Trimethylbenzene	54.0		"	50.0		108	84-125				
1,2-Dibromo-3-chloropropane	40.8		"	50.0		81.5	74-142				
1,2-Dibromoethane	42.9		"	50.0		85.8	86-123	Low Bias			
1,2-Dichlorobenzene	49.0		"	50.0		98.0	85-122				
1,2-Dichloroethane	41.9		"	50.0		83.9	71-133				
1,2-Dichloropropane	50.0		"	50.0		99.9	81-122				
1,3,5-Trimethylbenzene	54.5		"	50.0		109	82-126				
1,3-Dichlorobenzene	51.6		"	50.0		103	84-124				
1,4-Dichlorobenzene	51.2		"	50.0		102	84-124				
1,4-Dioxane	757		"	1050		72.1	10-228				
2-Butanone	41.4		"	50.0		82.9	58-147				
2-Hexanone	43.1		"	50.0		86.3	70-139				
4-Methyl-2-pentanone	40.2		"	50.0		80.4	72-132				
Acetone	44.6		"	50.0		89.3	36-155				
Acrolein	26.1		"	50.0		52.3	10-238				
Acrylonitrile	38.9		"	50.0		77.7	66-141				
Benzene	48.4		"	50.0		96.8	77-127				
Bromochloromethane	40.5		"	50.0		81.0	74-129				
Bromodichloromethane	46.8		"	50.0		93.7	81-124				
Bromoform	40.7		"	50.0		81.3	80-136				
Bromomethane	58.0		"	50.0		116	32-177				
Carbon disulfide	47.9		"	50.0		95.8	10-136				
Carbon tetrachloride	48.1		"	50.0		96.2	66-143				
Chlorobenzene	51.4		"	50.0		103	86-120				
Chloroethane	56.7		"	50.0		113	51-142				
Chloroform	46.3		"	50.0		92.6	76-131				
Chloromethane	64.2		"	50.0		128	49-132				
cis-1,2-Dichloroethylene	46.3		"	50.0		92.7	74-132				
cis-1,3-Dichloropropylene	46.7		"	50.0		93.4	81-129				
Cyclohexane	50.2		"	50.0		100	70-130				
Dibromochloromethane	42.3		"	50.0		84.7	10-200				
Dibromomethane	43.4		"	50.0		86.8	83-124				
Dichlorodifluoromethane	101		"	50.0		201	28-158	High Bias			
Ethyl Benzene	53.0		"	50.0		106	84-125				
Hexachlorobutadiene	49.8		"	50.0		99.6	83-133				
Isopropylbenzene	56.1		"	50.0		112	81-127				
Methyl acetate	40.4		"	50.0		80.8	41-143				
Methyl tert-butyl ether (MTBE)	38.3		"	50.0		76.6	74-131				
Methylcyclohexane	55.2		"	50.0		110	70-130				
Methylene chloride	34.6		"	50.0		69.2	57-141				
n-Butylbenzene	54.6		"	50.0		109	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41257 - EPA 5035A											
LCS (BI41257-BS1)								Prepared & Analyzed: 09/20/2024			
n-Propylbenzene	55.6		ug/L	50.0		111	74-136				
o-Xylene	53.1		"	50.0		106	83-123				
p- & m- Xylenes	107		"	100		107	82-128				
p-Isopropyltoluene	54.7		"	50.0		109	85-125				
sec-Butylbenzene	54.6		"	50.0		109	83-125				
Styrene	50.1		"	50.0		100	86-126				
tert-Butyl alcohol (TBA)	218		"	250		87.2	70-130				
tert-Butylbenzene	55.0		"	50.0		110	80-127				
Tetrachloroethylene	49.8		"	50.0		99.7	80-129				
Toluene	53.6		"	50.0		107	85-121				
trans-1,2-Dichloroethylene	48.4		"	50.0		96.7	72-132				
trans-1,3-Dichloropropylene	44.2		"	50.0		88.3	78-132				
Trichloroethylene	53.9		"	50.0		108	84-123				
Trichlorofluoromethane	62.5		"	50.0		125	62-140				
Vinyl Chloride	59.8		"	50.0		120	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.8*		*"*	*50.0*		*95.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.9*		*"*	*50.0*		*104*	*76-130*				
Batch BI41260 - EPA 5035A											
Blank (BI41260-BLK1)								Prepared: 09/19/2024 Analyzed: 09/20/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41260 - EPA 5035A											
Blank (BI41260-BLK1)											Prepared: 09/19/2024 Analyzed: 09/20/2024
Bromoform	ND	0.0050	mg/kg wet								
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	"								
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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*ug/L*	*50.0*		*98.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41260 - EPA 5035A											
LCS (BI41260-BS1)									Prepared: 09/19/2024 Analyzed: 09/20/2024		
1,1,1,2-Tetrachloroethane	53.6		ug/L	50.0		107	75-129				
1,1,1-Trichloroethane	53.5		"	50.0		107	71-137				
1,1,2,2-Tetrachloroethane	51.0		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.5		"	50.0		107	58-146				
1,1,2-Trichloroethane	52.9		"	50.0		106	83-123				
1,1-Dichloroethane	53.6		"	50.0		107	75-130				
1,1-Dichloroethylene	52.1		"	50.0		104	64-137				
1,2,3-Trichlorobenzene	53.9		"	50.0		108	81-140				
1,2,3-Trichloropropane	52.9		"	50.0		106	81-126				
1,2,4-Trichlorobenzene	53.8		"	50.0		108	80-141				
1,2,4-Trimethylbenzene	51.0		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	55.2		"	50.0		110	74-142				
1,2-Dibromoethane	54.4		"	50.0		109	86-123				
1,2-Dichlorobenzene	52.8		"	50.0		106	85-122				
1,2-Dichloroethane	52.6		"	50.0		105	71-133				
1,2-Dichloropropane	53.2		"	50.0		106	81-122				
1,3,5-Trimethylbenzene	50.3		"	50.0		101	82-126				
1,3-Dichlorobenzene	52.5		"	50.0		105	84-124				
1,4-Dichlorobenzene	52.5		"	50.0		105	84-124				
1,4-Dioxane	1070		"	1050		102	10-228				
2-Butanone	50.5		"	50.0		101	58-147				
2-Hexanone	52.4		"	50.0		105	70-139				
4-Methyl-2-pentanone	54.6		"	50.0		109	72-132				
Acetone	46.5		"	50.0		92.9	36-155				
Acrolein	48.9		"	50.0		97.8	10-238				
Acrylonitrile	52.7		"	50.0		105	66-141				
Benzene	53.3		"	50.0		107	77-127				
Bromochloromethane	53.7		"	50.0		107	74-129				
Bromodichloromethane	54.1		"	50.0		108	81-124				
Bromoform	54.0		"	50.0		108	80-136				
Bromomethane	38.8		"	50.0		77.6	32-177				
Carbon disulfide	52.1		"	50.0		104	10-136				
Carbon tetrachloride	53.6		"	50.0		107	66-143				
Chlorobenzene	53.6		"	50.0		107	86-120				
Chloroethane	36.2		"	50.0		72.5	51-142				
Chloroform	53.5		"	50.0		107	76-131				
Chloromethane	51.8		"	50.0		104	49-132				
cis-1,2-Dichloroethylene	53.0		"	50.0		106	74-132				
cis-1,3-Dichloropropylene	54.3		"	50.0		109	81-129				
Cyclohexane	53.2		"	50.0		106	70-130				
Dibromochloromethane	54.2		"	50.0		108	10-200				
Dibromomethane	53.7		"	50.0		107	83-124				
Dichlorodifluoromethane	52.5		"	50.0		105	28-158				
Ethyl Benzene	53.6		"	50.0		107	84-125				
Hexachlorobutadiene	53.4		"	50.0		107	83-133				
Isopropylbenzene	51.1		"	50.0		102	81-127				
Methyl acetate	53.9		"	50.0		108	41-143				
Methyl tert-butyl ether (MTBE)	54.0		"	50.0		108	74-131				
Methylcyclohexane	53.2		"	50.0		106	70-130				
Methylene chloride	61.7		"	50.0		123	57-141				
n-Butylbenzene	52.7		"	50.0		105	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41260 - EPA 5035A											
LCS (BI41260-BS1)								Prepared: 09/19/2024 Analyzed: 09/20/2024			
n-Propylbenzene	51.6		ug/L	50.0		103	74-136				
o-Xylene	54.3		"	50.0		109	83-123				
p- & m- Xylenes	108		"	100		108	82-128				
p-Isopropyltoluene	52.4		"	50.0		105	85-125				
sec-Butylbenzene	52.8		"	50.0		106	83-125				
Styrene	54.6		"	50.0		109	86-126				
tert-Butyl alcohol (TBA)	265		"	250		106	70-130				
tert-Butylbenzene	51.4		"	50.0		103	80-127				
Tetrachloroethylene	55.2		"	50.0		110	80-129				
Toluene	53.0		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	52.6		"	50.0		105	72-132				
trans-1,3-Dichloropropylene	54.9		"	50.0		110	78-132				
Trichloroethylene	52.6		"	50.0		105	84-123				
Trichlorofluoromethane	41.0		"	50.0		82.1	62-140				
Vinyl Chloride	53.1		"	50.0		106	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.3*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.1*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.3*		*"*	*50.0*		*94.6*	*76-130*				
LCS Dup (BI41260-BSD1)								Prepared: 09/19/2024 Analyzed: 09/20/2024			
1,1,1,2-Tetrachloroethane	54.6		ug/L	50.0		109	75-129		1.94	30	
1,1,1-Trichloroethane	54.1		"	50.0		108	71-137		1.13	30	
1,1,2,2-Tetrachloroethane	51.4		"	50.0		103	79-129		0.684	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.9		"	50.0		108	58-146		0.689	30	
1,1,2-Trichloroethane	54.2		"	50.0		108	83-123		2.52	30	
1,1-Dichloroethane	54.0		"	50.0		108	75-130		0.650	30	
1,1-Dichloroethylene	53.5		"	50.0		107	64-137		2.50	30	
1,2,3-Trichlorobenzene	55.4		"	50.0		111	81-140		2.80	30	
1,2,3-Trichloropropane	54.1		"	50.0		108	81-126		2.22	30	
1,2,4-Trichlorobenzene	54.1		"	50.0		108	80-141		0.426	30	
1,2,4-Trimethylbenzene	52.1		"	50.0		104	84-125		2.15	30	
1,2-Dibromo-3-chloropropane	58.4		"	50.0		117	74-142		5.70	30	
1,2-Dibromoethane	54.9		"	50.0		110	86-123		0.842	30	
1,2-Dichlorobenzene	54.0		"	50.0		108	85-122		2.15	30	
1,2-Dichloroethane	52.7		"	50.0		105	71-133		0.0950	30	
1,2-Dichloropropane	54.3		"	50.0		109	81-122		2.20	30	
1,3,5-Trimethylbenzene	51.5		"	50.0		103	82-126		2.40	30	
1,3-Dichlorobenzene	53.0		"	50.0		106	84-124		1.00	30	
1,4-Dichlorobenzene	53.1		"	50.0		106	84-124		1.12	30	
1,4-Dioxane	1050		"	1050		99.9	10-228		2.40	30	
2-Butanone	54.0		"	50.0		108	58-147		6.76	30	
2-Hexanone	55.3		"	50.0		111	70-139		5.34	30	
4-Methyl-2-pentanone	55.9		"	50.0		112	72-132		2.24	30	
Acetone	49.4		"	50.0		98.7	36-155		6.05	30	
Acrolein	48.9		"	50.0		97.8	10-238		0.0205	30	
Acrylonitrile	51.9		"	50.0		104	66-141		1.42	30	
Benzene	53.3		"	50.0		107	77-127		0.00	30	
Bromochloromethane	54.0		"	50.0		108	74-129		0.650	30	
Bromodichloromethane	54.8		"	50.0		110	81-124		1.29	30	
Bromoform	56.5		"	50.0		113	80-136		4.51	30	
Bromomethane	39.0		"	50.0		78.1	32-177		0.616	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41260 - EPA 5035A											
LCS Dup (BI41260-BSD1)									Prepared: 09/19/2024 Analyzed: 09/20/2024		
Carbon disulfide	52.8		ug/L	50.0		106	10-136		1.30	30	
Carbon tetrachloride	54.4		"	50.0		109	66-143		1.43	30	
Chlorobenzene	54.3		"	50.0		109	86-120		1.30	30	
Chloroethane	36.2		"	50.0		72.3	51-142		0.249	30	
Chloroform	54.4		"	50.0		109	76-131		1.78	30	
Chloromethane	53.2		"	50.0		106	49-132		2.67	30	
cis-1,2-Dichloroethylene	53.4		"	50.0		107	74-132		0.733	30	
cis-1,3-Dichloropropylene	53.9		"	50.0		108	81-129		0.610	30	
Cyclohexane	54.6		"	50.0		109	70-130		2.50	30	
Dibromochloromethane	55.3		"	50.0		111	10-200		1.97	30	
Dibromomethane	54.2		"	50.0		108	83-124		0.872	30	
Dichlorodifluoromethane	53.5		"	50.0		107	28-158		1.90	30	
Ethyl Benzene	55.2		"	50.0		110	84-125		2.96	30	
Hexachlorobutadiene	53.9		"	50.0		108	83-133		1.01	30	
Isopropylbenzene	52.6		"	50.0		105	81-127		2.82	30	
Methyl acetate	54.7		"	50.0		109	41-143		1.34	30	
Methyl tert-butyl ether (MTBE)	53.6		"	50.0		107	74-131		0.837	30	
Methylcyclohexane	53.4		"	50.0		107	70-130		0.225	30	
Methylene chloride	61.2		"	50.0		122	57-141		0.797	30	
n-Butylbenzene	54.5		"	50.0		109	80-130		3.40	30	
n-Propylbenzene	52.4		"	50.0		105	74-136		1.62	30	
o-Xylene	55.3		"	50.0		111	83-123		1.77	30	
p- & m- Xylenes	110		"	100		110	82-128		1.66	30	
p-Isopropyltoluene	53.3		"	50.0		107	85-125		1.67	30	
sec-Butylbenzene	54.4		"	50.0		109	83-125		2.93	30	
Styrene	55.7		"	50.0		111	86-126		1.99	30	
tert-Butyl alcohol (TBA)	283		"	250		113	70-130		6.59	30	
tert-Butylbenzene	52.6		"	50.0		105	80-127		2.44	30	
Tetrachloroethylene	56.7		"	50.0		113	80-129		2.63	30	
Toluene	53.8		"	50.0		108	85-121		1.39	30	
trans-1,2-Dichloroethylene	53.5		"	50.0		107	72-132		1.66	30	
trans-1,3-Dichloropropylene	54.8		"	50.0		110	78-132		0.237	30	
Trichloroethylene	54.4		"	50.0		109	84-123		3.42	30	
Trichlorofluoromethane	41.4		"	50.0		82.7	62-140		0.752	30	
Vinyl Chloride	53.2		"	50.0		106	52-130		0.113	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.7*		*"*	*50.0*		*95.4*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40886 - EPA 3510C											
Blank (BI40886-BLK1)											
Prepared: 09/15/2024 Analyzed: 09/17/2024											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40886 - EPA 3510C											
Blank (BI40886-BLK1)											Prepared: 09/15/2024 Analyzed: 09/17/2024
Surrogate: SURR: 2-Fluorophenol	*35.4*		*ug/L*	*50.0*		*70.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*27.6*		*"*	*50.0*		*55.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*22.6*		*"*	*25.0*		*90.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.8*		*"*	*25.0*		*75.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*66.7*		*"*	*50.0*		*133*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.3*		*"*	*25.0*		*93.0*	*30.7-106*				
Blank (BI40886-BLK2)											Prepared: 09/15/2024 Analyzed: 09/16/2024
Acenaphthene	0.0500	0.0500	ug/L								
Acenaphthylene	0.520	0.0500	"								
Anthracene	0.280	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	0.190	0.0500	"								
Benzo(a)pyrene	0.100	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	0.140	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	0.480	0.0500	"								
Fluorene	0.440	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	2.09	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	1.22	0.0500	"								
Pyrene	0.460	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40886 - EPA 3510C											
LCS (BI40886-BS1)								Prepared: 09/15/2024 Analyzed: 09/16/2024			
1,1-Biphenyl	16.0	5.00	ug/L	25.0		64.0	33-95				
1,2,4,5-Tetrachlorobenzene	17.7	5.00	"	25.0		70.7	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	17.4	5.00	"	25.0		69.7	16-141				
2,3,4,6-Tetrachlorophenol	18.3	5.00	"	25.0		73.2	30-130				
2,4,5-Trichlorophenol	16.9	5.00	"	25.0		67.6	32-114				
2,4,6-Trichlorophenol	19.4	5.00	"	25.0		77.4	35-118				
2,4-Dichlorophenol	19.1	5.00	"	25.0		76.4	25-116				
2,4-Dimethylphenol	18.5	5.00	"	25.0		74.1	15-116				
2,4-Dinitrophenol	36.8	5.00	"	25.0		147	10-170				
2,4-Dinitrotoluene	23.5	5.00	"	25.0		93.8	41-128				
2,6-Dinitrotoluene	22.4	5.00	"	25.0		89.8	45-116				
2-Chloronaphthalene	15.6	5.00	"	25.0		62.5	33-112				
2-Chlorophenol	16.1	5.00	"	25.0		64.4	15-120				
2-Methylnaphthalene	17.0	5.00	"	25.0		68.1	24-118				
2-Methylphenol	13.8	5.00	"	25.0		55.4	10-110				
2-Nitroaniline	18.8	5.00	"	25.0		75.2	34-129				
2-Nitrophenol	23.4	5.00	"	25.0		93.6	28-118				
3- & 4-Methylphenols	12.2	5.00	"	25.0		49.0	10-107				
3,3-Dichlorobenzidine	13.5	5.00	"	25.0		54.1	15-187				
3-Nitroaniline	12.0	5.00	"	25.0		48.2	24-134				
4,6-Dinitro-2-methylphenol	40.3	5.00	"	25.0		161	10-153	High Bias			
4-Bromophenyl phenyl ether	21.5	5.00	"	25.0		85.9	34-120				
4-Chloro-3-methylphenol	18.7	5.00	"	25.0		74.6	20-120				
4-Chloroaniline	10.3	5.00	"	25.0		41.3	10-147				
4-Chlorophenyl phenyl ether	18.2	5.00	"	25.0		72.6	27-121				
4-Nitroaniline	14.6	5.00	"	25.0		58.4	13-134				
4-Nitrophenol	7.77	5.00	"	25.0		31.1	10-131				
Acetophenone	18.4	5.00	"	25.0		73.8	25-110				
Aniline	19.5	5.00	"	25.0		78.0	10-117				
Benzaldehyde	19.6	5.00	"	25.0		78.5	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	10.6	5.00	"	25.0		42.6	10-117				
Benzyl butyl phthalate	14.2	5.00	"	25.0		56.8	29-133				
Bis(2-chloroethoxy)methane	20.0	5.00	"	25.0		80.1	10-154				
Bis(2-chloroethyl)ether	28.1	5.00	"	25.0		112	17-125				
Bis(2-chloroisopropyl)ether	18.5	5.00	"	25.0		74.1	10-139				
Caprolactam	3.51	5.00	"	25.0		14.0	10-137				
Carbazole	16.9	5.00	"	25.0		67.6	42-126				
Dibenzofuran	16.6	5.00	"	25.0		66.4	36-113				
Diethyl phthalate	17.1	5.00	"	25.0		68.3	38-115				
Dimethyl phthalate	17.6	5.00	"	25.0		70.5	38-129				
Di-n-butyl phthalate	17.4	5.00	"	25.0		69.7	31-120				
Di-n-octyl phthalate	14.5	5.00	"	25.0		57.9	21-149				
Diphenylamine	20.0	5.00	"	25.0		79.8	40-140				
Hexachlorocyclopentadiene	14.3	10.0	"	25.0		57.2	10-130				
Isophorone	20.5	5.00	"	25.0		81.9	25-127				
N-nitroso-di-n-propylamine	18.0	5.00	"	25.0		71.9	26-122				
N-Nitrosodiphenylamine	20.2	5.00	"	25.0		80.9	23-149				
Phenol	7.45	5.00	"	25.0		29.8	10-110				
Pyridine	3.62	5.00	"	35.0		10.3	10-90				
Surrogate: SURR: 2-Fluorophenol	*20.3*		*"*	*50.0*		*40.5*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40886 - EPA 3510C											
LCS (BI40886-BS1)								Prepared: 09/15/2024 Analyzed: 09/16/2024			
Surrogate: SURR: Phenol-d6	*11.7*		*ug/L*	*50.0*		*23.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*21.9*		*"*	*25.0*		*87.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.9*		*"*	*25.0*		*71.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*66.3*		*"*	*50.0*		*133*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*19.6*		*"*	*25.0*		*78.4*	*30.7-106*				
LCS (BI40886-BS2)								Prepared: 09/15/2024 Analyzed: 09/16/2024			
Acenaphthene	0.660	0.0500	ug/L	1.00		66.0	25-116				
Acenaphthylene	1.31	0.0500	"	1.00		131	26-116	High Bias			
Anthracene	0.920	0.0500	"	1.00		92.0	25-123				
Benzo(a)anthracene	0.850	0.0500	"	1.00		85.0	33-125				
Benzo(a)pyrene	0.720	0.0500	"	1.00		72.0	32-132				
Benzo(b)fluoranthene	0.740	0.0500	"	1.00		74.0	22-137				
Benzo(g,h,i)perylene	0.680	0.0500	"	1.00		68.0	10-138				
Benzo(k)fluoranthene	0.700	0.0500	"	1.00		70.0	20-137				
Bis(2-ethylhexyl)phthalate	0.700	0.500	"	1.00		70.0	10-189				
Chrysene	0.770	0.0500	"	1.00		77.0	32-124				
Dibenzo(a,h)anthracene	0.630	0.0500	"	1.00		63.0	16-133				
Fluoranthene	1.21	0.0500	"	1.00		121	32-121				
Fluorene	1.17	0.0500	"	1.00		117	28-118				
Hexachlorobenzene	0.0800	0.0200	"	1.00		8.00	23-124	Low Bias			
Hexachlorobutadiene	0.540	0.500	"	1.00		54.0	15-123				
Hexachloroethane	0.610	0.500	"	1.00		61.0	18-115				
Indeno(1,2,3-cd)pyrene	0.650	0.0500	"	1.00		65.0	15-135				
Naphthalene	2.86	0.0500	"	1.00		286	18-120	High Bias			
Nitrobenzene	0.430	0.250	"	1.00		43.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.350	0.250	"	1.00		35.0	10-156				
Phenanthrene	2.04	0.0500	"	1.00		204	24-127	High Bias			
Pyrene	1.16	0.0500	"	1.00		116	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40886 - EPA 3510C											
LCS Dup (BI40886-BSD1)								Prepared: 09/15/2024 Analyzed: 09/16/2024			
1,1-Biphenyl	16.1	5.00	ug/L	25.0		64.4	33-95		0.561	20	
1,2,4,5-Tetrachlorobenzene	18.1	5.00	"	25.0		72.4	26-120		2.46	20	
1,2-Diphenylhydrazine (as Azobenzene)	17.4	5.00	"	25.0		69.6	16-141		0.115	20	
2,3,4,6-Tetrachlorophenol	18.6	5.00	"	25.0		74.6	30-130		1.84	20	
2,4,5-Trichlorophenol	16.9	5.00	"	25.0		67.6	32-114		0.0592	20	
2,4,6-Trichlorophenol	19.3	5.00	"	25.0		77.4	35-118		0.0517	20	
2,4-Dichlorophenol	17.9	5.00	"	25.0		71.6	25-116		6.54	20	
2,4-Dimethylphenol	18.1	5.00	"	25.0		72.4	15-116		2.35	20	
2,4-Dinitrophenol	36.2	5.00	"	25.0		145	10-170		1.45	20	
2,4-Dinitrotoluene	23.5	5.00	"	25.0		94.0	41-128		0.170	20	
2,6-Dinitrotoluene	22.5	5.00	"	25.0		90.0	45-116		0.267	20	
2-Chloronaphthalene	16.1	5.00	"	25.0		64.3	33-112		2.84	20	
2-Chlorophenol	15.5	5.00	"	25.0		62.0	15-120		3.92	20	
2-Methylnaphthalene	17.0	5.00	"	25.0		67.8	24-118		0.412	20	
2-Methylphenol	12.9	5.00	"	25.0		51.8	10-110		6.72	20	
2-Nitroaniline	19.1	5.00	"	25.0		76.2	34-129		1.43	20	
2-Nitrophenol	22.8	5.00	"	25.0		91.2	28-118		2.51	20	
3- & 4-Methylphenols	10.8	5.00	"	25.0		43.2	10-107		12.6	20	
3,3-Dichlorobenzidine	13.7	5.00	"	25.0		54.8	15-187		1.25	20	
3-Nitroaniline	13.5	5.00	"	25.0		54.0	24-134		11.4	20	
4,6-Dinitro-2-methylphenol	39.6	5.00	"	25.0		158	10-153	High Bias	1.88	20	
4-Bromophenyl phenyl ether	21.5	5.00	"	25.0		86.0	34-120		0.0465	20	
4-Chloro-3-methylphenol	18.1	5.00	"	25.0		72.2	20-120		3.27	20	
4-Chloroaniline	12.7	5.00	"	25.0		50.8	10-147		20.7	20	Non-dir.
4-Chlorophenyl phenyl ether	18.5	5.00	"	25.0		74.0	27-121		1.85	20	
4-Nitroaniline	14.2	5.00	"	25.0		57.0	13-134		2.43	20	
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias		20	
Acetophenone	18.0	5.00	"	25.0		72.0	25-110		2.47	20	
Aniline	21.0	5.00	"	25.0		84.1	10-117		7.55	20	
Benzaldehyde	19.1	5.00	"	25.0		76.3	29-117		2.89	20	
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	10.0	5.00	"	25.0		40.0	10-117		6.30	20	
Benzyl butyl phthalate	14.3	5.00	"	25.0		57.4	29-133		1.05	20	
Bis(2-chloroethoxy)methane	19.6	5.00	"	25.0		78.4	10-154		2.12	20	
Bis(2-chloroethyl)ether	30.3	5.00	"	25.0		121	17-125		7.57	20	
Bis(2-chloroisopropyl)ether	18.6	5.00	"	25.0		74.3	10-139		0.270	20	
Caprolactam	3.19	5.00	"	25.0		12.8	10-137		9.55	20	
Carbazole	16.6	5.00	"	25.0		66.4	42-126		1.67	20	
Dibenzofuran	16.8	5.00	"	25.0		67.1	36-113		0.959	20	
Diethyl phthalate	17.2	5.00	"	25.0		68.9	38-115		0.933	20	
Dimethyl phthalate	17.9	5.00	"	25.0		71.5	38-129		1.41	20	
Di-n-butyl phthalate	17.4	5.00	"	25.0		69.8	31-120		0.0574	20	
Di-n-octyl phthalate	14.4	5.00	"	25.0		57.6	21-149		0.416	20	
Diphenylamine	20.3	5.00	"	25.0		81.3	40-140		1.79	20	
Hexachlorocyclopentadiene	14.6	10.0	"	25.0		58.2	10-130		1.66	20	
Isophorone	20.1	5.00	"	25.0		80.2	25-127		2.07	20	
N-nitroso-di-n-propylamine	17.5	5.00	"	25.0		70.0	26-122		2.65	20	
N-Nitrosodiphenylamine	20.6	5.00	"	25.0		82.5	23-149		2.01	20	
Phenol	6.75	5.00	"	25.0		27.0	10-110		9.86	20	
Pyridine	4.22	5.00	"	35.0		12.1	10-90		15.3	20	
Surrogate: SURR: 2-Fluorophenol	*18.6*		*"*	*50.0*		*37.3*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40886 - EPA 3510C											
LCS Dup (BI40886-BSD1)											Prepared: 09/15/2024 Analyzed: 09/16/2024
Surrogate: SURR: Phenol-d6	*10.2*		*ug/L*	*50.0*		*20.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*22.1*		*"*	*25.0*		*88.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.7*		*"*	*25.0*		*74.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*67.6*		*"*	*50.0*		*135*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.1*		*"*	*25.0*		*80.2*	*30.7-106*				
Batch BI41021 - EPA 3550C											
Blank (BI41021-BLK1)											Prepared & Analyzed: 09/17/2024
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41021 - EPA 3550C											
Blank (BI41021-BLK1)											
Prepared & Analyzed: 09/17/2024											
Benzyl butyl phthalate	ND	0.0416	mg/kg wet								
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	"								
Caprolactam	ND	0.0830	"								
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	"								
Diphenylamine	ND	0.0830	"								
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	*1.16*		"	*1.66*		*69.6*	*30-130*				
Surrogate: SURR: Phenol-d6	*1.13*		"	*1.66*		*67.8*	*30-130*				
Surrogate: SURR: Nitrobenzene-d5	*0.802*		"	*0.831*		*96.6*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.695*		"	*0.831*		*83.6*	*30-130*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.33*		"	*1.66*		*80.3*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*0.699*		"	*0.831*		*84.2*	*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

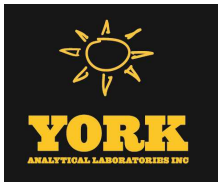
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41021 - EPA 3550C											
LCS (BI41021-BS1)								Prepared & Analyzed: 09/17/2024			
1,1-Biphenyl	0.702	0.0416	mg/kg wet	0.831		84.5	70-130			30	
1,2,4,5-Tetrachlorobenzene	0.674	0.0830	"	0.831		81.2	70-130			30	
1,2-Diphenylhydrazine (as Azobenzene)	0.761	0.0416	"	1.25		61.1	17-137			30	
2,3,4,6-Tetrachlorophenol	0.898	0.0830	"	1.25		72.1	70-130			30	
2,4,5-Trichlorophenol	0.736	0.0416	"	1.25		59.1	70-130	Low Bias		30	
2,4,6-Trichlorophenol	0.762	0.0416	"	1.25		61.1	70-130	Low Bias		30	
2,4-Dichlorophenol	0.705	0.0416	"	1.25		56.6	70-130	Low Bias		30	
2,4-Dimethylphenol	0.682	0.0416	"	1.25		54.7	70-130	Low Bias		30	
2,4-Dinitrophenol	0.833	0.0830	"	1.25		66.8	20-160			30	
2,4-Dinitrotoluene	0.909	0.0416	"	1.25		73.0	70-130			30	
2,6-Dinitrotoluene	0.880	0.0416	"	1.25		70.6	70-130			30	
2-Chloronaphthalene	0.701	0.0416	"	1.25		56.3	70-130	Low Bias		30	
2-Chlorophenol	0.678	0.0416	"	1.25		54.4	70-130	Low Bias		30	
2-Methylnaphthalene	0.606	0.0416	"	1.25		48.7	70-130	Low Bias		30	
2-Methylphenol	0.612	0.0416	"	1.25		49.1	70-130	Low Bias		30	
2-Nitroaniline	0.811	0.0830	"	1.25		65.1	70-130	Low Bias		30	
2-Nitrophenol	0.829	0.0416	"	1.25		66.6	70-130	Low Bias		30	
3- & 4-Methylphenols	0.524	0.0416	"	1.25		42.0	20-160			30	
3,3-Dichlorobenzidine	0.535	0.0416	"	0.831		64.4	70-130	Low Bias		30	
3-Nitroaniline	0.643	0.0830	"	1.25		51.6	70-130	Low Bias		30	
4,6-Dinitro-2-methylphenol	0.812	0.0830	"	1.25		65.1	70-130	Low Bias		30	
4-Bromophenyl phenyl ether	0.681	0.0416	"	1.25		54.6	70-130	Low Bias		30	
4-Chloro-3-methylphenol	0.687	0.0416	"	1.25		55.2	70-130	Low Bias		30	
4-Chloroaniline	0.503	0.0416	"	1.25		40.4	70-130	Low Bias		30	
4-Chlorophenyl phenyl ether	0.663	0.0416	"	1.25		53.2	70-130	Low Bias		30	
4-Nitroaniline	0.693	0.0830	"	1.25		55.6	70-130	Low Bias		30	
4-Nitrophenol	0.825	0.0830	"	1.25		66.2	20-160			30	
Acenaphthene	0.644	0.0416	"	1.25		51.7	70-130	Low Bias		30	
Acenaphthylene	0.653	0.0416	"	1.25		52.4	70-130	Low Bias		30	
Acetophenone	0.622	0.0416	"	0.831		74.9	70-130			30	
Aniline	0.597	0.166	"	1.25		47.9	10-119			30	
Anthracene	0.712	0.0416	"	1.25		57.1	70-130	Low Bias		30	
Atrazine	0.770	0.0416	"	0.831		92.7	70-130			30	
Benzaldehyde	0.639	0.0416	"	0.831		76.9	20-160			30	
Benzo(a)anthracene	0.676	0.0416	"	1.25		54.3	70-130	Low Bias		30	
Benzo(a)pyrene	0.621	0.0416	"	1.25		49.8	70-130	Low Bias		30	
Benzo(b)fluoranthene	0.641	0.0416	"	1.25		51.4	70-130	Low Bias		30	
Benzo(g,h,i)perylene	0.705	0.0416	"	1.25		56.6	70-130	Low Bias		30	
Benzo(k)fluoranthene	0.603	0.0416	"	1.25		48.4	70-130	Low Bias		30	
Benzoic acid	0.385	0.0416	"	0.831		46.4	10-140			30	
Benzyl alcohol	0.598	0.0416	"	1.25		48.0	30-115			30	
Benzyl butyl phthalate	0.774	0.0416	"	1.25		62.1	70-130	Low Bias		30	
Bis(2-chloroethoxy)methane	0.635	0.0416	"	1.25		51.0	70-130	Low Bias		30	
Bis(2-chloroethyl)ether	0.611	0.0416	"	1.25		49.0	70-130	Low Bias		30	
Bis(2-chloroisopropyl)ether	0.527	0.0416	"	1.25		42.3	70-130	Low Bias		30	
Bis(2-ethylhexyl)phthalate	0.731	0.0416	"	1.25		58.6	70-130	Low Bias		30	
Caprolactam	0.682	0.0830	"	0.831		82.2	20-160			30	
Carbazole	0.680	0.0416	"	1.25		54.6	70-130	Low Bias		30	
Chrysene	0.629	0.0416	"	1.25		50.5	70-130	Low Bias		30	
Dibenzo(a,h)anthracene	0.708	0.0416	"	1.25		56.8	70-130	Low Bias		30	
Dibenzofuran	0.669	0.0416	"	1.25		53.7	70-130	Low Bias		30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41021 - EPA 3550C											
LCS (BI41021-BS1)								Prepared & Analyzed: 09/17/2024			
Diethyl phthalate	0.716	0.0416	mg/kg wet	1.25		57.5	70-130	Low Bias		30	
Dimethyl phthalate	0.686	0.0416	"	1.25		55.0	70-130	Low Bias		30	
Di-n-butyl phthalate	0.735	0.0416	"	1.25		59.0	70-130	Low Bias		30	
Di-n-octyl phthalate	0.749	0.0416	"	1.25		60.1	70-130	Low Bias		30	
Diphenylamine	0.761	0.0830	"	1.25		61.1	40-140			30	
Fluoranthene	0.674	0.0416	"	1.25		54.1	70-130	Low Bias		30	
Fluorene	0.682	0.0416	"	1.25		54.8	70-130	Low Bias		30	
Hexachlorobenzene	0.802	0.0416	"	1.25		64.4	70-130	Low Bias		30	
Hexachlorobutadiene	0.678	0.0416	"	1.25		54.4	70-130	Low Bias		30	
Hexachlorocyclopentadiene	0.213	0.0416	"	1.25		17.1	20-160	Low Bias		30	
Hexachloroethane	0.655	0.0416	"	1.25		52.6	20-160			30	
Indeno(1,2,3-cd)pyrene	0.922	0.0416	"	1.25		74.0	70-130			30	
Isophorone	0.673	0.0416	"	1.25		54.0	70-130	Low Bias		30	
Naphthalene	0.679	0.0416	"	1.25		54.5	70-130	Low Bias		30	
Nitrobenzene	0.774	0.0416	"	1.25		62.2	70-130	Low Bias		30	
N-Nitrosodimethylamine	0.581	0.0416	"	1.25		46.6	11-129			30	
N-nitroso-di-n-propylamine	0.582	0.0416	"	1.25		46.7	70-130	Low Bias		30	
N-Nitrosodiphenylamine	0.702	0.0416	"	1.25		56.3	70-130	Low Bias		30	
Pentachlorophenol	0.573	0.0416	"	1.25		46.0	20-160			30	
Phenanthrene	0.701	0.0416	"	1.25		56.3	70-130	Low Bias		30	
Phenol	0.678	0.0416	"	1.25		54.4	20-160			30	
Pyrene	0.735	0.0416	"	1.25		59.0	70-130	Low Bias		30	
Pyridine	0.460	0.166	"	1.25		36.9	10-91			30	
Surrogate: SURR: 2-Fluorophenol	*1.35*		"	*1.66*		*81.5*	*30-130*				
Surrogate: SURR: Phenol-d6	*1.31*		"	*1.66*		*78.6*	*30-130*				
Surrogate: SURR: Nitrobenzene-d5	*0.888*		"	*0.831*		*107*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.778*		"	*0.831*		*93.7*	*30-130*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.46*		"	*1.66*		*88.0*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*0.801*		"	*0.831*		*96.4*	*30-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

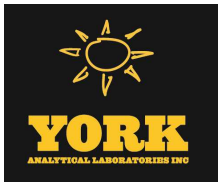
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41021 - EPA 3550C											
Matrix Spike (BI41021-MS1)	*Source sample: 24I0746-07 (SB-18 (2-5))							Prepared & Analyzed: 09/17/2024			
1,1-Biphenyl	0.493	0.113	mg/kg dry	1.13	ND	43.7	70-130	Low Bias		30	
1,2,4,5-Tetrachlorobenzene	0.515	0.226	"	1.13	ND	45.7	70-130	Low Bias		30	
1,2-Diphenylhydrazine (as Azobenzene)	0.607	0.113	"	1.69	ND	35.8	10-144			30	
2,3,4,6-Tetrachlorophenol	0.588	0.226	"	1.69	ND	34.8	70-130	Low Bias		30	
2,4,5-Trichlorophenol	0.692	0.113	"	1.69	ND	40.9	70-130	Low Bias		30	
2,4,6-Trichlorophenol	0.702	0.113	"	1.69	ND	41.5	70-130	Low Bias		30	
2,4-Dichlorophenol	0.687	0.113	"	1.69	ND	40.6	70-130	Low Bias		30	
2,4-Dimethylphenol	0.619	0.113	"	1.69	ND	36.6	70-130	Low Bias		30	
2,4-Dinitrophenol	ND	0.226	"	1.69	ND		20-160	Low Bias		30	
2,4-Dinitrotoluene	0.713	0.113	"	1.69	ND	42.1	70-130	Low Bias		30	
2,6-Dinitrotoluene	0.649	0.113	"	1.69	ND	38.3	70-130	Low Bias		30	
2-Chloronaphthalene	0.570	0.113	"	1.69	ND	33.7	70-130	Low Bias		30	
2-Chlorophenol	0.584	0.113	"	1.69	ND	34.5	70-130	Low Bias		30	
2-Methylnaphthalene	0.610	0.113	"	1.69	ND	36.1	70-130	Low Bias		30	
2-Methylphenol	0.584	0.113	"	1.69	ND	34.5	70-130	Low Bias		30	
2-Nitroaniline	0.745	0.226	"	1.69	ND	44.0	70-130	Low Bias		30	
2-Nitrophenol	0.800	0.113	"	1.69	ND	47.3	70-130	Low Bias		30	
3- & 4-Methylphenols	0.506	0.113	"	1.69	ND	29.9	20-160			30	
3,3-Dichlorobenzidine	0.589	0.113	"	1.13	ND	52.2	70-160	Low Bias		30	
3-Nitroaniline	0.640	0.226	"	1.69	ND	37.8	70-130	Low Bias		30	
4,6-Dinitro-2-methylphenol	ND	0.226	"	1.69	ND		70-130	Low Bias		30	
4-Bromophenyl phenyl ether	0.701	0.113	"	1.69	ND	41.4	70-130	Low Bias		30	
4-Chloro-3-methylphenol	0.753	0.113	"	1.69	ND	44.5	70-130	Low Bias		30	
4-Chloroaniline	0.468	0.113	"	1.69	ND	27.7	70-130	Low Bias		30	
4-Chlorophenyl phenyl ether	0.586	0.113	"	1.69	ND	34.6	70-130	Low Bias		30	
4-Nitroaniline	0.593	0.226	"	1.69	ND	35.0	70-130	Low Bias		30	
4-Nitrophenol	0.553	0.226	"	1.69	ND	32.7	20-160			30	
Acenaphthene	0.547	0.113	"	1.69	ND	32.3	70-130	Low Bias		30	
Acenaphthylene	0.506	0.113	"	1.69	ND	29.9	70-130	Low Bias		30	
Acetophenone	0.603	0.113	"	1.13	ND	53.4	70-130	Low Bias		30	
Aniline	0.474	0.452	"	1.69	ND	28.0	10-123			30	
Anthracene	0.670	0.113	"	1.69	ND	39.6	70-130	Low Bias		30	
Atrazine	0.723	0.113	"	1.13	ND	64.1	70-130	Low Bias		30	
Benzaldehyde	0.733	0.113	"	1.13	ND	65.0	20-160			30	
Benzo(a)anthracene	0.753	0.113	"	1.69	ND	44.5	70-130	Low Bias		30	
Benzo(a)pyrene	0.632	0.113	"	1.69	ND	37.3	70-130	Low Bias		30	
Benzo(b)fluoranthene	0.628	0.113	"	1.69	ND	37.1	70-130	Low Bias		30	
Benzo(g,h,i)perylene	0.659	0.113	"	1.69	ND	38.9	70-130	Low Bias		30	
Benzo(k)fluoranthene	0.655	0.113	"	1.69	ND	38.7	70-130	Low Bias		30	
Benzoic acid	ND	0.113	"	1.13	ND		10-166	Low Bias		30	
Benzyl alcohol	0.543	0.113	"	1.69	ND	32.1	12-124			30	
Benzyl butyl phthalate	0.687	0.113	"	1.69	ND	40.6	70-130	Low Bias		30	
Bis(2-chloroethoxy)methane	0.569	0.113	"	1.69	ND	33.6	70-130	Low Bias		30	
Bis(2-chloroethyl)ether	0.514	0.113	"	1.69	ND	30.4	70-130	Low Bias		30	
Bis(2-chloroisopropyl)ether	0.411	0.113	"	1.69	ND	24.3	70-130	Low Bias		30	
Bis(2-ethylhexyl)phthalate	0.619	0.113	"	1.69	ND	36.6	70-130	Low Bias		30	
Caprolactam	0.718	0.226	"	1.13	ND	63.6	20-160			30	
Carbazole	0.646	0.113	"	1.69	ND	38.2	70-130	Low Bias		30	
Chrysene	0.709	0.113	"	1.69	ND	41.9	70-130	Low Bias		30	
Dibenzo(a,h)anthracene	0.649	0.113	"	1.69	ND	38.3	70-130	Low Bias		30	
Dibenzofuran	0.549	0.113	"	1.69	ND	32.4	70-130	Low Bias		30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41021 - EPA 3550C											
Matrix Spike (BI41021-MS1)	*Source sample: 24I0746-07 (SB-18 (2-5))							Prepared & Analyzed: 09/17/2024			
Diethyl phthalate	0.558	0.113	mg/kg dry	1.69	ND	33.0	70-130	Low Bias		30	
Dimethyl phthalate	0.570	0.113	"	1.69	ND	33.7	70-130	Low Bias		30	
Di-n-butyl phthalate	0.657	0.113	"	1.69	ND	38.8	70-130	Low Bias		30	
Di-n-octyl phthalate	0.682	0.113	"	1.69	ND	40.3	70-130	Low Bias		30	
Diphenylamine	0.795	0.226	"	1.69	ND	47.0	40-140			30	
Fluoranthene	0.707	0.113	"	1.69	ND	41.8	70-130	Low Bias		30	
Fluorene	0.560	0.113	"	1.69	ND	33.1	70-130	Low Bias		30	
Hexachlorobenzene	0.753	0.113	"	1.69	ND	44.5	70-130	Low Bias		30	
Hexachlorobutadiene	0.683	0.113	"	1.69	ND	40.4	70-130	Low Bias		30	
Hexachlorocyclopentadiene	ND	0.113	"	1.69	ND		20-160	Low Bias		30	
Hexachloroethane	0.552	0.113	"	1.69	ND	32.6	20-160			30	
Indeno(1,2,3-cd)pyrene	0.809	0.113	"	1.69	ND	47.8	70-130	Low Bias		30	
Isophorone	0.579	0.113	"	1.69	ND	34.2	70-130	Low Bias		30	
Naphthalene	0.616	0.113	"	1.69	ND	36.4	70-130	Low Bias		30	
Nitrobenzene	0.620	0.113	"	1.69	ND	36.6	70-130	Low Bias		30	
N-Nitrosodimethylamine	0.403	0.113	"	1.69	ND	23.8	10-126			30	
N-nitroso-di-n-propylamine	0.510	0.113	"	1.69	ND	30.1	70-130	Low Bias		30	
N-Nitrosodiphenylamine	0.707	0.113	"	1.69	ND	41.8	70-130	Low Bias		30	
Pentachlorophenol	0.351	0.113	"	1.69	ND	20.7	20-160			30	
Phenanthrene	0.672	0.113	"	1.69	0.0679	35.7	70-130	Low Bias		30	
Phenol	0.650	0.113	"	1.69	ND	38.4	20-160			30	
Pyrene	0.718	0.113	"	1.69	ND	42.5	70-130	Low Bias		30	
Pyridine	0.305	0.452	"	1.69	ND	18.0	10-83			30	
Surrogate: SURR: 2-Fluorophenol	*1.20*		"	*2.26*		*53.2*	*30-130*				
Surrogate: SURR: Phenol-d6	*1.16*		"	*2.26*		*51.4*	*30-130*				
Surrogate: SURR: Nitrobenzene-d5	*0.680*		"	*1.13*		*60.2*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.612*		"	*1.13*		*54.2*	*30-130*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.72*		"	*2.26*		*76.3*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*0.845*		"	*1.13*		*74.9*	*30-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41021 - EPA 3550C											
Matrix Spike Dup (BI41021-MSD1)	*Source sample: 24I0746-07 (SB-18 (2-5))							Prepared & Analyzed: 09/17/2024			
1,1-Biphenyl	0.418	0.113	mg/kg dry	1.13	ND	37.0	70-130	Low Bias	16.5	30	
1,2,4,5-Tetrachlorobenzene	0.450	0.226	"	1.13	ND	39.9	70-130	Low Bias	13.5	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.477	0.113	"	1.69	ND	28.2	10-144		24.0	30	
2,3,4,6-Tetrachlorophenol	0.477	0.226	"	1.69	ND	28.2	70-130	Low Bias	20.8	30	
2,4,5-Trichlorophenol	0.506	0.113	"	1.69	ND	29.9	70-130	Low Bias	31.0	30	Non-dir.
2,4,6-Trichlorophenol	0.513	0.113	"	1.69	ND	30.3	70-130	Low Bias	31.2	30	Non-dir.
2,4-Dichlorophenol	0.542	0.113	"	1.69	ND	32.0	70-130	Low Bias	23.7	30	
2,4-Dimethylphenol	0.491	0.113	"	1.69	ND	29.0	70-130	Low Bias	23.1	30	
2,4-Dinitrophenol	ND	0.226	"	1.69	ND		20-160	Low Bias		30	
2,4-Dinitrotoluene	0.527	0.113	"	1.69	ND	31.1	70-130	Low Bias	30.0	30	
2,6-Dinitrotoluene	0.505	0.113	"	1.69	ND	29.9	70-130	Low Bias	24.9	30	
2-Chloronaphthalene	0.452	0.113	"	1.69	ND	26.7	70-130	Low Bias	23.0	30	
2-Chlorophenol	0.491	0.113	"	1.69	ND	29.0	70-130	Low Bias	17.3	30	
2-Methylnaphthalene	0.533	0.113	"	1.69	ND	31.5	70-130	Low Bias	13.4	30	
2-Methylphenol	0.454	0.113	"	1.69	ND	26.8	70-130	Low Bias	25.0	30	
2-Nitroaniline	0.560	0.226	"	1.69	ND	33.1	70-130	Low Bias	28.4	30	
2-Nitrophenol	0.638	0.113	"	1.69	ND	37.7	70-130	Low Bias	22.5	30	
3- & 4-Methylphenols	0.410	0.113	"	1.69	ND	24.2	20-160		21.1	30	
3,3-Dichlorobenzidine	0.448	0.113	"	1.13	ND	39.7	70-160	Low Bias	27.3	30	
3-Nitroaniline	0.511	0.226	"	1.69	ND	30.2	70-130	Low Bias	22.4	30	
4,6-Dinitro-2-methylphenol	ND	0.226	"	1.69	ND		70-130	Low Bias		30	
4-Bromophenyl phenyl ether	0.557	0.113	"	1.69	ND	32.9	70-130	Low Bias	23.0	30	
4-Chloro-3-methylphenol	0.579	0.113	"	1.69	ND	34.2	70-130	Low Bias	26.0	30	
4-Chloroaniline	0.434	0.113	"	1.69	ND	25.7	70-130	Low Bias	7.60	30	
4-Chlorophenyl phenyl ether	0.484	0.113	"	1.69	ND	28.6	70-130	Low Bias	19.1	30	
4-Nitroaniline	0.476	0.226	"	1.69	ND	28.1	70-130	Low Bias	22.0	30	
4-Nitrophenol	0.461	0.226	"	1.69	ND	27.3	20-160		18.1	30	
Acenaphthene	0.431	0.113	"	1.69	ND	25.4	70-130	Low Bias	23.8	30	
Acenaphthylene	0.409	0.113	"	1.69	ND	24.2	70-130	Low Bias	21.3	30	
Acetophenone	0.496	0.113	"	1.13	ND	44.0	70-130	Low Bias	19.4	30	
Aniline	0.453	0.452	"	1.69	ND	26.8	10-123		4.48	30	
Anthracene	0.502	0.113	"	1.69	ND	29.7	70-130	Low Bias	28.7	30	
Atrazine	0.551	0.113	"	1.13	ND	48.9	70-130	Low Bias	26.9	30	
Benzaldehyde	0.675	0.113	"	1.13	ND	59.8	20-160		8.21	30	
Benzo(a)anthracene	0.535	0.113	"	1.69	ND	31.6	70-130	Low Bias	33.8	30	Non-dir.
Benzo(a)pyrene	0.459	0.113	"	1.69	ND	27.1	70-130	Low Bias	31.6	30	Non-dir.
Benzo(b)fluoranthene	0.486	0.113	"	1.69	ND	28.7	70-130	Low Bias	25.6	30	
Benzo(g,h,i)perylene	0.482	0.113	"	1.69	ND	28.5	70-130	Low Bias	31.0	30	Non-dir.
Benzo(k)fluoranthene	0.452	0.113	"	1.69	ND	26.7	70-130	Low Bias	36.7	30	Non-dir.
Benzoic acid	ND	0.113	"	1.13	ND		10-166	Low Bias		30	
Benzyl alcohol	0.439	0.113	"	1.69	ND	25.9	12-124		21.3	30	
Benzyl butyl phthalate	0.478	0.113	"	1.69	ND	28.3	70-130	Low Bias	35.8	30	Non-dir.
Bis(2-chloroethoxy)methane	0.473	0.113	"	1.69	ND	27.9	70-130	Low Bias	18.4	30	
Bis(2-chloroethyl)ether	0.475	0.113	"	1.69	ND	28.1	70-130	Low Bias	8.03	30	
Bis(2-chloroisopropyl)ether	0.359	0.113	"	1.69	ND	21.2	70-130	Low Bias	13.4	30	
Bis(2-ethylhexyl)phthalate	0.452	0.113	"	1.69	ND	26.7	70-130	Low Bias	31.2	30	Non-dir.
Caprolactam	0.561	0.226	"	1.13	ND	49.8	20-160		24.4	30	
Carbazole	0.508	0.113	"	1.69	ND	30.0	70-130	Low Bias	23.9	30	
Chrysene	0.512	0.113	"	1.69	ND	30.2	70-130	Low Bias	32.2	30	Non-dir.
Dibenzo(a,h)anthracene	0.461	0.113	"	1.69	ND	27.3	70-130	Low Bias	33.8	30	Non-dir.
Dibenzofuran	0.438	0.113	"	1.69	ND	25.9	70-130	Low Bias	22.5	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41021 - EPA 3550C											
Matrix Spike Dup (BI41021-MSD1)	*Source sample: 24I0746-07 (SB-18 (2-5))							Prepared & Analyzed: 09/17/2024			
Diethyl phthalate	0.456	0.113	mg/kg dry	1.69	ND	26.9	70-130	Low Bias	20.1	30	
Dimethyl phthalate	0.436	0.113	"	1.69	ND	25.8	70-130	Low Bias	26.7	30	
Di-n-butyl phthalate	0.489	0.113	"	1.69	ND	28.9	70-130	Low Bias	29.3	30	
Di-n-octyl phthalate	0.479	0.113	"	1.69	ND	28.3	70-130	Low Bias	35.0	30	Non-dir.
Diphenylamine	0.624	0.226	"	1.69	ND	36.9	40-140	Low Bias	24.2	30	
Fluoranthene	0.540	0.113	"	1.69	ND	31.9	70-130	Low Bias	26.8	30	
Fluorene	0.459	0.113	"	1.69	ND	27.1	70-130	Low Bias	19.8	30	
Hexachlorobenzene	0.649	0.113	"	1.69	ND	38.3	70-130	Low Bias	14.8	30	
Hexachlorobutadiene	0.563	0.113	"	1.69	ND	33.3	70-130	Low Bias	19.3	30	
Hexachlorocyclopentadiene	ND	0.113	"	1.69	ND		20-160	Low Bias		30	
Hexachloroethane	0.446	0.113	"	1.69	ND	26.3	20-160		21.3	30	
Indeno(1,2,3-cd)pyrene	0.569	0.113	"	1.69	ND	33.6	70-130	Low Bias	34.9	30	Non-dir.
Isophorone	0.509	0.113	"	1.69	ND	30.1	70-130	Low Bias	12.8	30	
Naphthalene	0.497	0.113	"	1.69	ND	29.4	70-130	Low Bias	21.4	30	
Nitrobenzene	0.456	0.113	"	1.69	ND	26.9	70-130	Low Bias	30.5	30	Non-dir.
N-Nitrosodimethylamine	0.336	0.113	"	1.69	ND	19.8	10-126		18.1	30	
N-nitroso-di-n-propylamine	0.402	0.113	"	1.69	ND	23.7	70-130	Low Bias	23.8	30	
N-Nitrosodiphenylamine	0.509	0.113	"	1.69	ND	30.1	70-130	Low Bias	32.5	30	Non-dir.
Pentachlorophenol	0.173	0.113	"	1.69	ND	10.2	20-160	Low Bias	67.8	30	Non-dir.
Phenanthrene	0.532	0.113	"	1.69	0.0679	27.4	70-130	Low Bias	23.3	30	
Phenol	0.542	0.113	"	1.69	ND	32.0	20-160		18.2	30	
Pyrene	0.498	0.113	"	1.69	ND	29.4	70-130	Low Bias	36.2	30	Non-dir.
Pyridine	0.276	0.452	"	1.69	ND	16.3	10-83		9.94	30	
Surrogate: SURR: 2-Fluorophenol	*0.965*		*"*	*2.26*		*42.8*	*30-130*				
Surrogate: SURR: Phenol-d6	*1.01*		*"*	*2.26*		*44.7*	*30-130*				
Surrogate: SURR: Nitrobenzene-d5	*0.588*		*"*	*1.13*		*52.1*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.505*		*"*	*1.13*		*44.8*	*30-130*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.36*		*"*	*2.26*		*60.1*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*0.585*		*"*	*1.13*		*51.8*	*30-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41045 - EPA 3550C											
Blank (BI41045-BLK1)											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								

Prepared: 09/17/2024 Analyzed: 09/19/2024

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41045 - EPA 3550C											
Blank (BI41045-BLK1)											Prepared: 09/17/2024 Analyzed: 09/19/2024
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
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	*1.39*		"	*1.66*		*83.7*	*30-130*				
Surrogate: SURR: Phenol-d6	*1.29*		"	*1.66*		*77.8*	*30-130*				
Surrogate: SURR: Nitrobenzene-d5	*0.864*		"	*0.831*		*104*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.712*		"	*0.831*		*85.7*	*30-130*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.38*		"	*1.66*		*83.0*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*0.762*		"	*0.831*		*91.8*	*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41045 - EPA 3550C											
LCS (BI41045-BS1)								Prepared: 09/17/2024 Analyzed: 09/19/2024			
1,1-Biphenyl	0.794	0.0416	mg/kg wet	0.831		95.6	70-130			30	
1,2,4,5-Tetrachlorobenzene	0.779	0.0830	"	0.831		93.8	70-130			30	
1,2-Diphenylhydrazine (as Azobenzene)	0.875	0.0416	"	1.25		70.2	17-137			30	
2,3,4,6-Tetrachlorophenol	0.956	0.0830	"	1.25		76.7	70-130			30	
2,4,5-Trichlorophenol	0.851	0.0416	"	1.25		68.3	70-130	Low Bias		30	
2,4,6-Trichlorophenol	0.847	0.0416	"	1.25		67.9	70-130	Low Bias		30	
2,4-Dichlorophenol	0.837	0.0416	"	1.25		67.1	70-130	Low Bias		30	
2,4-Dimethylphenol	0.748	0.0416	"	1.25		60.1	70-130	Low Bias		30	
2,4-Dinitrophenol	0.812	0.0830	"	1.25		65.2	20-160			30	
2,4-Dinitrotoluene	1.08	0.0416	"	1.25		86.8	70-130			30	
2,6-Dinitrotoluene	1.02	0.0416	"	1.25		82.2	70-130			30	
2-Chloronaphthalene	0.795	0.0416	"	1.25		63.8	70-130	Low Bias		30	
2-Chlorophenol	0.798	0.0416	"	1.25		64.1	70-130	Low Bias		30	
2-Methylnaphthalene	0.711	0.0416	"	1.25		57.0	70-130	Low Bias		30	
2-Methylphenol	0.764	0.0416	"	1.25		61.3	70-130	Low Bias		30	
2-Nitroaniline	0.947	0.0830	"	1.25		76.0	70-130			30	
2-Nitrophenol	0.961	0.0416	"	1.25		77.2	70-130			30	
3- & 4-Methylphenols	0.663	0.0416	"	1.25		53.2	20-160			30	
3,3-Dichlorobenzidine	0.718	0.0416	"	0.831		86.4	70-130			30	
3-Nitroaniline	0.840	0.0830	"	1.25		67.4	70-130	Low Bias		30	
4,6-Dinitro-2-methylphenol	0.994	0.0830	"	1.25		79.8	70-130			30	
4-Bromophenyl phenyl ether	0.786	0.0416	"	1.25		63.1	70-130	Low Bias		30	
4-Chloro-3-methylphenol	0.827	0.0416	"	1.25		66.3	70-130	Low Bias		30	
4-Chloroaniline	0.638	0.0416	"	1.25		51.2	70-130	Low Bias		30	
4-Chlorophenyl phenyl ether	0.776	0.0416	"	1.25		62.3	70-130	Low Bias		30	
4-Nitroaniline	0.837	0.0830	"	1.25		67.2	70-130	Low Bias		30	
4-Nitrophenol	0.850	0.0830	"	1.25		68.3	20-160			30	
Acenaphthene	0.744	0.0416	"	1.25		59.7	70-130	Low Bias		30	
Acenaphthylene	0.770	0.0416	"	1.25		61.8	70-130	Low Bias		30	
Acetophenone	0.765	0.0416	"	0.831		92.1	70-130			30	
Aniline	0.742	0.166	"	1.25		59.5	10-119			30	
Anthracene	0.840	0.0416	"	1.25		67.4	70-130	Low Bias		30	
Atrazine	0.949	0.0416	"	0.831		114	70-130			30	
Benzaldehyde	0.815	0.0416	"	0.831		98.1	20-160			30	
Benzo(a)anthracene	0.830	0.0416	"	1.25		66.6	70-130	Low Bias		30	
Benzo(a)pyrene	0.747	0.0416	"	1.25		60.0	70-130	Low Bias		30	
Benzo(b)fluoranthene	0.794	0.0416	"	1.25		63.8	70-130	Low Bias		30	
Benzo(g,h,i)perylene	0.896	0.0416	"	1.25		71.9	70-130			30	
Benzo(k)fluoranthene	0.744	0.0416	"	1.25		59.7	70-130	Low Bias		30	
Benzoic acid	0.235	0.0416	"	0.831		28.3	10-140			30	
Benzyl alcohol	0.762	0.0416	"	1.25		61.2	30-115			30	
Benzyl butyl phthalate	0.935	0.0416	"	1.25		75.1	70-130			30	
Bis(2-chloroethoxy)methane	0.737	0.0416	"	1.25		59.1	70-130	Low Bias		30	
Bis(2-chloroethyl)ether	0.755	0.0416	"	1.25		60.6	70-130	Low Bias		30	
Bis(2-chloroisopropyl)ether	0.669	0.0416	"	1.25		53.7	70-130	Low Bias		30	
Bis(2-ethylhexyl)phthalate	0.854	0.0416	"	1.25		68.6	70-130	Low Bias		30	
Caprolactam	0.794	0.0830	"	0.831		95.6	20-160			30	
Carbazole	0.805	0.0416	"	1.25		64.6	70-130	Low Bias		30	
Chrysene	0.748	0.0416	"	1.25		60.0	70-130	Low Bias		30	
Dibenzo(a,h)anthracene	0.867	0.0416	"	1.25		69.6	70-130	Low Bias		30	
Dibenzofuran	0.793	0.0416	"	1.25		63.7	70-130	Low Bias		30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41045 - EPA 3550C											
LCS (BI41045-BS1)									Prepared: 09/17/2024 Analyzed: 09/19/2024		
Diethyl phthalate	0.856	0.0416	mg/kg wet	1.25		68.7	70-130	Low Bias		30	
Dimethyl phthalate	0.802	0.0416	"	1.25		64.3	70-130	Low Bias		30	
Di-n-butyl phthalate	0.886	0.0416	"	1.25		71.1	70-130			30	
Di-n-octyl phthalate	0.907	0.0416	"	1.25		72.8	70-130			30	
Diphenylamine	0.862	0.0830	"	1.25		69.2	40-140			30	
Fluoranthene	0.815	0.0416	"	1.25		65.4	70-130	Low Bias		30	
Fluorene	0.783	0.0416	"	1.25		62.8	70-130	Low Bias		30	
Hexachlorobenzene	0.966	0.0416	"	1.25		77.5	70-130			30	
Hexachlorobutadiene	0.814	0.0416	"	1.25		65.3	70-130	Low Bias		30	
Hexachlorocyclopentadiene	0.159	0.0416	"	1.25		12.7	20-160	Low Bias		30	
Hexachloroethane	0.765	0.0416	"	1.25		61.4	20-160			30	
Indeno(1,2,3-cd)pyrene	1.12	0.0416	"	1.25		90.3	70-130			30	
Isophorone	0.810	0.0416	"	1.25		65.0	70-130	Low Bias		30	
Naphthalene	0.793	0.0416	"	1.25		63.6	70-130	Low Bias		30	
Nitrobenzene	0.924	0.0416	"	1.25		74.1	70-130			30	
N-Nitrosodimethylamine	0.712	0.0416	"	1.25		57.1	11-129			30	
N-nitroso-di-n-propylamine	0.722	0.0416	"	1.25		57.9	70-130	Low Bias		30	
N-Nitrosodiphenylamine	0.821	0.0416	"	1.25		65.9	70-130	Low Bias		30	
Pentachlorophenol	0.588	0.0416	"	1.25		47.2	20-160			30	
Phenanthrene	0.838	0.0416	"	1.25		67.3	70-130	Low Bias		30	
Phenol	0.830	0.0416	"	1.25		66.6	20-160			30	
Pyrene	0.899	0.0416	"	1.25		72.2	70-130			30	
Pyridine	0.574	0.166	"	1.25		46.1	10-91			30	
Surrogate: SURR: 2-Fluorophenol	*1.64*		"	*1.66*		*98.8*	*30-130*				
Surrogate: SURR: Phenol-d6	*1.55*		"	*1.66*		*93.3*	*30-130*				
Surrogate: SURR: Nitrobenzene-d5	*1.02*		"	*0.831*		*123*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.829*		"	*0.831*		*99.8*	*30-130*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.61*		"	*1.66*		*97.0*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*0.944*		"	*0.831*		*114*	*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
Blank (BI41292-BLK1)											
Prepared & Analyzed: 09/20/2024											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
Blank (BI41292-BLK1)											Prepared & Analyzed: 09/20/2024
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
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	*0.971*		"	*1.66*		*58.5*	*30-130*				
Surrogate: SURR: Phenol-d6	*0.766*		"	*1.66*		*46.1*	*30-130*				
Surrogate: SURR: Nitrobenzene-d5	*0.618*		"	*0.831*		*74.4*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.506*		"	*0.831*		*60.9*	*30-130*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.52*		"	*1.66*		*91.4*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*0.575*		"	*0.831*		*69.2*	*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
LCS (BI41292-BS1)								Prepared & Analyzed: 09/20/2024			
1,1-Biphenyl	0.526	0.0416	mg/kg wet	0.831		63.4	70-130	Low Bias		30	
1,2,4,5-Tetrachlorobenzene	0.590	0.0830	"	0.831		71.0	70-130			30	
1,2-Diphenylhydrazine (as Azobenzene)	0.641	0.0416	"	1.25		51.4	17-137			30	
2,3,4,6-Tetrachlorophenol	0.384	0.0830	"	1.25		30.8	70-130	Low Bias		30	
2,4,5-Trichlorophenol	0.494	0.0416	"	1.25		39.7	70-130	Low Bias		30	
2,4,6-Trichlorophenol	0.565	0.0416	"	1.25		45.4	70-130	Low Bias		30	
2,4-Dichlorophenol	0.571	0.0416	"	1.25		45.9	70-130	Low Bias		30	
2,4-Dimethylphenol	0.486	0.0416	"	1.25		39.0	70-130	Low Bias		30	
2,4-Dinitrophenol	0.443	0.0830	"	1.25		35.6	20-160			30	
2,4-Dinitrotoluene	0.681	0.0416	"	1.25		54.6	70-130	Low Bias		30	
2,6-Dinitrotoluene	0.651	0.0416	"	1.25		52.2	70-130	Low Bias		30	
2-Chloronaphthalene	0.514	0.0416	"	1.25		41.3	70-130	Low Bias		30	
2-Chlorophenol	0.518	0.0416	"	1.25		41.6	70-130	Low Bias		30	
2-Methylnaphthalene	0.529	0.0416	"	1.25		42.4	70-130	Low Bias		30	
2-Methylphenol	0.302	0.0416	"	1.25		24.2	70-130	Low Bias		30	
2-Nitroaniline	0.579	0.0830	"	1.25		46.5	70-130	Low Bias		30	
2-Nitrophenol	0.656	0.0416	"	1.25		52.7	70-130	Low Bias		30	
3- & 4-Methylphenols	0.341	0.0416	"	1.25		27.4	20-160			30	
3,3-Dichlorobenzidine	0.446	0.0416	"	0.831		53.7	70-130	Low Bias		30	
3-Nitroaniline	0.479	0.0830	"	1.25		38.5	70-130	Low Bias		30	
4,6-Dinitro-2-methylphenol	0.987	0.0830	"	1.25		79.2	70-130			30	
4-Bromophenyl phenyl ether	0.633	0.0416	"	1.25		50.8	70-130	Low Bias		30	
4-Chloro-3-methylphenol	0.592	0.0416	"	1.25		47.5	70-130	Low Bias		30	
4-Chloroaniline	0.449	0.0416	"	1.25		36.1	70-130	Low Bias		30	
4-Chlorophenyl phenyl ether	0.556	0.0416	"	1.25		44.7	70-130	Low Bias		30	
4-Nitroaniline	0.501	0.0830	"	1.25		40.2	70-130	Low Bias		30	
4-Nitrophenol	0.944	0.0830	"	1.25		75.8	20-160			30	
Acenaphthene	0.487	0.0416	"	1.25		39.1	70-130	Low Bias		30	
Acenaphthylene	0.481	0.0416	"	1.25		38.6	70-130	Low Bias		30	
Acetophenone	0.552	0.0416	"	0.831		66.5	70-130	Low Bias		30	
Aniline	0.844	0.166	"	1.25		67.8	10-119			30	
Anthracene	0.542	0.0416	"	1.25		43.5	70-130	Low Bias		30	
Atrazine	0.656	0.0416	"	0.831		79.0	70-130			30	
Benzaldehyde	0.582	0.0416	"	0.831		70.1	20-160			30	
Benzo(a)anthracene	0.489	0.0416	"	1.25		39.3	70-130	Low Bias		30	
Benzo(a)pyrene	0.504	0.0416	"	1.25		40.5	70-130	Low Bias		30	
Benzo(b)fluoranthene	0.553	0.0416	"	1.25		44.4	70-130	Low Bias		30	
Benzo(g,h,i)perylene	0.579	0.0416	"	1.25		46.5	70-130	Low Bias		30	
Benzo(k)fluoranthene	0.553	0.0416	"	1.25		44.4	70-130	Low Bias		30	
Benzoic acid	0.490	0.0416	"	0.831		59.0	10-140			30	
Benzyl alcohol	0.482	0.0416	"	1.25		38.7	30-115			30	
Benzyl butyl phthalate	0.457	0.0416	"	1.25		36.7	70-130	Low Bias		30	
Bis(2-chloroethoxy)methane	0.606	0.0416	"	1.25		48.6	70-130	Low Bias		30	
Bis(2-chloroethyl)ether	1.21	0.0416	"	1.25		97.5	70-130			30	
Bis(2-chloroisopropyl)ether	0.617	0.0416	"	1.25		49.5	70-130	Low Bias		30	
Bis(2-ethylhexyl)phthalate	0.485	0.0416	"	1.25		39.0	70-130	Low Bias		30	
Caprolactam	0.687	0.0830	"	0.831		82.7	20-160			30	
Carbazole	0.509	0.0416	"	1.25		40.9	70-130	Low Bias		30	
Chrysene	0.508	0.0416	"	1.25		40.8	70-130	Low Bias		30	
Dibenzo(a,h)anthracene	0.580	0.0416	"	1.25		46.5	70-130	Low Bias		30	
Dibenzofuran	0.510	0.0416	"	1.25		40.9	70-130	Low Bias		30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
LCS (BI41292-BS1)								Prepared & Analyzed: 09/20/2024			
Diethyl phthalate	0.509	0.0416	mg/kg wet	1.25		40.9	70-130	Low Bias		30	
Dimethyl phthalate	0.522	0.0416	"	1.25		41.9	70-130	Low Bias		30	
Di-n-butyl phthalate	0.538	0.0416	"	1.25		43.2	70-130	Low Bias		30	
Di-n-octyl phthalate	0.435	0.0416	"	1.25		34.9	70-130	Low Bias		30	
Diphenylamine	0.607	0.0830	"	1.25		48.7	40-140			30	
Fluoranthene	0.535	0.0416	"	1.25		43.0	70-130	Low Bias		30	
Fluorene	0.509	0.0416	"	1.25		40.8	70-130	Low Bias		30	
Hexachlorobenzene	0.497	0.0416	"	1.25		39.9	70-130	Low Bias		30	
Hexachlorobutadiene	0.624	0.0416	"	1.25		50.1	70-130	Low Bias		30	
Hexachlorocyclopentadiene	0.428	0.0416	"	1.25		34.3	20-160			30	
Hexachloroethane	0.542	0.0416	"	1.25		43.5	20-160			30	
Indeno(1,2,3-cd)pyrene	0.579	0.0416	"	1.25		46.5	70-130	Low Bias		30	
Isophorone	0.616	0.0416	"	1.25		49.5	70-130	Low Bias		30	
Naphthalene	0.523	0.0416	"	1.25		42.0	70-130	Low Bias		30	
Nitrobenzene	0.602	0.0416	"	1.25		48.3	70-130	Low Bias		30	
N-Nitrosodimethylamine	0.565	0.0416	"	1.25		45.4	11-129			30	
N-nitroso-di-n-propylamine	0.548	0.0416	"	1.25		43.9	70-130	Low Bias		30	
N-Nitrosodiphenylamine	0.611	0.0416	"	1.25		49.1	70-130	Low Bias		30	
Pentachlorophenol	0.0894	0.0416	"	1.25		7.17	20-160	Low Bias		30	
Phenanthrene	0.534	0.0416	"	1.25		42.9	70-130	Low Bias		30	
Phenol	0.0442	0.0416	"	1.25		3.55	20-160	Low Bias		30	
Pyrene	0.475	0.0416	"	1.25		38.1	70-130	Low Bias		30	
Pyridine	0.471	0.166	"	1.25		37.8	10-91			30	
Surrogate: SURR: 2-Fluorophenol	*1.04*		"	*1.66*		*62.7*	*30-130*				
Surrogate: SURR: Phenol-d6	*0.937*		"	*1.66*		*56.4*	*30-130*				
Surrogate: SURR: Nitrobenzene-d5	*0.643*		"	*0.831*		*77.4*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.538*		"	*0.831*		*64.8*	*30-130*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.80*		"	*1.66*		*108*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*0.580*		"	*0.831*		*69.9*	*30-130*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40867 - EPA SW846-3510C Low Level											
Blank (BI40867-BLK1)									Prepared: 09/14/2024 Analyzed: 09/15/2024		
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	*0.110*		"	*0.200*		*55.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.351*		"	*0.200*		*176*	*30-120*				
LCS (BI40867-BS1)									Prepared: 09/14/2024 Analyzed: 09/16/2024		
Aroclor 1016	0.658	0.0500	ug/L	1.00		65.8	40-120				
Aroclor 1260	0.858	0.0500	"	1.00		85.8	40-120				
Surrogate: Tetrachloro-m-xylene	*0.101*		"	*0.200*		*50.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.175*		"	*0.200*		*87.5*	*30-120*				
LCS Dup (BI40867-BSD1)									Prepared: 09/14/2024 Analyzed: 09/16/2024		
Aroclor 1016	0.663	0.0500	ug/L	1.00		66.3	40-120		0.787	30	
Aroclor 1260	0.822	0.0500	"	1.00		82.2	40-120		4.29	30	
Surrogate: Tetrachloro-m-xylene	*0.106*		"	*0.200*		*53.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.173*		"	*0.200*		*86.5*	*30-120*				
Batch BI41044 - EPA 3550C											
Blank (BI41044-BLK2)									Prepared: 09/17/2024 Analyzed: 09/18/2024		
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	*0.0648*		"	*0.0664*		*97.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0548*		"	*0.0664*		*82.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41044 - EPA 3550C											
LCS (BI41044-BS2)											Prepared: 09/17/2024 Analyzed: 09/18/2024
Aroclor 1016	0.291	0.0166	mg/kg wet	0.332		87.7	40-130				
Aroclor 1260	0.341	0.0166	"	0.332		103	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0532*		*"*	*0.0664*		*80.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0492*		*"*	*0.0664*		*74.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40966 - EPA 3050B											
Blank (BI40966-BLK1)										Prepared: 09/16/2024 Analyzed: 09/17/2024	
Antimony	ND	1.74	mg/kg wet								
Arsenic	ND	1.04	"								
Beryllium	ND	0.035	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Nickel	ND	0.692	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Thallium	ND	1.74	"								
Zinc	ND	1.73	"								
Duplicate (BI40966-DUP1)	*Source sample: 24I0746-07 (SB-18 (2-5))									Prepared: 09/16/2024 Analyzed: 09/17/2024	
Antimony	ND	2.36	mg/kg dry		ND					35	
Arsenic	108	1.41	"		66.2				48.2	35	Non-dir.
Beryllium	0.441	0.048	"		0.724				48.5	35	Non-dir.
Cadmium	ND	0.283	"		0.294					35	
Chromium	12.3	0.472	"		15.8				24.7	35	
Copper	110	1.89	"		119				8.30	35	
Lead	62.7	0.472	"		68.8				9.25	35	
Nickel	36.7	0.940	"		66.0				57.0	35	Non-dir.
Selenium	13.9	2.36	"		13.8				1.06	35	
Silver	ND	0.475	"		ND					35	
Thallium	ND	2.36	"		ND					35	
Zinc	130	2.35	"		168				25.5	35	
Matrix Spike (BI40966-MS1)	*Source sample: 24I0746-07 (SB-18 (2-5))									Prepared: 09/16/2024 Analyzed: 09/17/2024	
Antimony	2.83	2.36	mg/kg dry	28.3	ND	10.0	75-125	Low Bias			
Arsenic	282	1.41	"	226	66.2	95.3	75-125				
Beryllium	7.44	0.048	"	5.66	0.724	119	75-125				
Cadmium	5.31	0.283	"	5.66	0.294	88.6	75-125				
Chromium	33.7	0.472	"	22.6	15.8	79.2	75-125				
Copper	149	1.89	"	28.3	119	105	75-125				
Lead	99.4	0.472	"	56.6	68.8	54.2	75-125	Low Bias			
Nickel	93.7	0.940	"	56.6	66.0	49.0	75-125	Low Bias			
Selenium	232	2.36	"	226	13.8	96.4	75-125				
Silver	5.63	0.475	"	5.66	ND	99.4	75-125				
Thallium	179	2.36	"	226	ND	79.2	75-125				
Zinc	176	2.35	"	56.6	168	14.1	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40966 - EPA 3050B											
Post Spike (BI40966-PS1)	*Source sample: 24I0746-07 (SB-18 (2-5))							Prepared: 09/16/2024 Analyzed: 09/17/2024			
Antimony	0.243		ug/mL	0.250	-0.029	97.3	75-125				
Arsenic	2.60		"	2.00	0.585	101	75-125				
Beryllium	0.066		"	0.0500	0.006	120	75-125				
Cadmium	0.050		"	0.0500	0.003	95.8	75-125				
Chromium	0.336		"	0.200	0.139	98.4	75-125				
Copper	1.34		"	0.250	1.05	117	75-125				
Lead	1.07		"	0.500	0.608	92.9	75-125				
Nickel	1.10		"	0.500	0.583	103	75-125				
Selenium	2.26		"	2.00	0.122	107	75-125				
Silver	0.053		"	0.0500	0.00	105	75-125				
Thallium	2.00		"	2.00	-0.040	100	75-125				
Zinc	1.96		"	0.500	1.48	95.5	75-125				
Reference (BI40966-SRM1)								Prepared: 09/16/2024 Analyzed: 09/17/2024			
Antimony	69.6	1.74	mg/kg wet	244		28.5	0-99.5				
Arsenic	228	1.04	"	283		80.7	69.9-101.4				
Beryllium	165	0.035	"	175		94.0	75.4-107.4				
Cadmium	76.2	0.208	"	95.8		79.6	72.3-103.7				
Chromium	196	0.348	"	239		81.8	72.4-106.3				
Copper	198	1.39	"	217		91.2	74.7-105.1				
Lead	175	0.348	"	210		83.2	75.7-109.5				
Nickel	286	0.692	"	329		87.0	74.5-106.7				
Selenium	262	1.74	"	281		93.3	77.6-116.7				
Silver	56.0	0.350	"	82.7		67.7	73.7-111.7	Low Bias			
Thallium	101	1.74	"	123		82.5	70.2-104.8				
Zinc	222	1.73	"	260		85.5	72.7-109.2				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40932 - EPA 3015A											
Blank (BI40932-BLK1)											Prepared: 09/16/2024 Analyzed: 09/17/2024
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Chromium	ND	1.11	"								
Copper	ND	1.11	"								
Lead	ND	1.11	"								
Nickel	ND	1.11	"								
Selenium	ND	1.11	"								
Silver	ND	1.11	"								
Thallium	ND	1.11	"								
Zinc	ND	1.11	"								
LCS (BI40932-BS1)											Prepared: 09/16/2024 Analyzed: 09/17/2024
Antimony	46.8		ug/L	50.0		93.6	80-120				
Arsenic	50.7		"	50.0		101	80-120				
Beryllium	50.3		"	50.0		101	80-120				
Cadmium	48.6		"	50.0		97.1	80-120				
Chromium	53.3		"	50.0		107	80-120				
Copper	54.2		"	50.0		108	80-120				
Lead	57.0		"	50.0		114	80-120				
Nickel	52.1		"	50.0		104	80-120				
Selenium	45.5		"	50.0		91.1	80-120				
Silver	54.9		"	50.0		110	80-120				
Thallium	56.7		"	50.0		113	80-120				
Zinc	69.4		"	50.0		139	80-120	High Bias			
Duplicate (BI40932-DUP1)	*Source sample: 24I0746-05 (RB_9.9.24)										Prepared: 09/16/2024 Analyzed: 09/17/2024
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Chromium	1.27	1.11	"		2.15				51.4	20	Non-dir.
Copper	1.30	1.11	"		1.33				2.43	20	
Lead	ND	1.11	"		ND					20	
Nickel	ND	1.11	"		ND					20	
Selenium	ND	1.11	"		1.32					20	
Silver	ND	1.11	"		ND					20	
Thallium	ND	1.11	"		ND					20	
Zinc	7.78	1.11	"		13.6				54.3	20	Non-dir.

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40932 - EPA 3015A											
Matrix Spike (BI40932-MS1)	*Source sample: 24I0746-05 (RB_9.9.24)								Prepared: 09/16/2024 Analyzed: 09/17/2024		
Antimony	46.2		ug/L	50.0	-0.024	92.5	75-125				
Arsenic	49.3		"	50.0	0.048	98.6	75-125				
Beryllium	49.3		"	50.0	-0.004	98.5	75-125				
Cadmium	48.5		"	50.0	0.002	97.0	75-125				
Chromium	48.7		"	50.0	1.94	93.5	75-125				
Copper	46.9		"	50.0	1.19	91.3	75-125				
Lead	56.5		"	50.0	0.087	113	75-125				
Nickel	46.5		"	50.0	0.349	92.3	75-125				
Selenium	47.7		"	50.0	1.18	93.0	75-125				
Silver	53.4		"	50.0	0.003	107	75-125				
Thallium	53.7		"	50.0	0.031	107	75-125				
Zinc	60.0		"	50.0	12.2	95.6	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40871 - EPA 7473 soil											
Blank (BI40871-BLK1)								Prepared: 09/14/2024 Analyzed: 09/15/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BI40871-DUP1)	*Source sample: 24I0746-07 (SB-18 (2-5))							Prepared: 09/14/2024 Analyzed: 09/15/2024			
Mercury	1.14	0.0408	mg/kg dry		1.30				13.1	35	
Matrix Spike (BI40871-MS1)	*Source sample: 24I0746-07 (SB-18 (2-5))							Prepared: 09/14/2024 Analyzed: 09/15/2024			
Mercury	1.27		mg/kg	0.500	0.957	62.9	75-125	Low Bias			
Reference (BI40871-SRM1)								Prepared: 09/14/2024 Analyzed: 09/15/2024			
Mercury	20.074		mg/kg	18.2		110	59.9-140.1				
Batch BI40872 - EPA 7473 soil											
Blank (BI40872-BLK1)								Prepared: 09/14/2024 Analyzed: 09/15/2024			
Mercury	ND	0.0300	mg/kg wet								
Reference (BI40872-SRM1)								Prepared: 09/14/2024 Analyzed: 09/15/2024			
Mercury	15.925		mg/kg	18.2		87.5	59.9-140.1				
Batch BI40943 - EPA SW846-7470A											
Blank (BI40943-BLK1)								Prepared & Analyzed: 09/16/2024			
Mercury	ND	0.0002	mg/L								
Blank (BI40943-BLK2)								Prepared & Analyzed: 09/16/2024			
Mercury	ND	0.0002	mg/L								

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40943 - EPA SW846-7470A											
LCS (BI40943-BS1)									Prepared & Analyzed: 09/16/2024		
Mercury	0.0019790	0.0002	mg/L	0.00200		99.0	80-120				
LCS (BI40943-BS2)									Prepared & Analyzed: 09/16/2024		
Mercury	0.0021565	0.0002	mg/L	0.00200		108	80-120				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40800 - % Solids Prep											
Duplicate (BI40800-DUP1)	*Source sample: 24I0746-07 (SB-18 (2-5))								Prepared & Analyzed: 09/13/2024		
% Solids	78.8	0.100	%		73.6				6.85	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I0746-01	SB-62 (2-5)	2 oz. WM Clear Glass Cool to 4° C
24I0746-03	SB-63 (10-12)	2 oz. WM Clear Glass Cool to 4° C
24I0746-04	SB-17 (25-28)	2 oz. WM Clear Glass Cool to 4° C
24I0746-05	RB_9.9.24	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I0746-09	SB-23 (18-21)	2 oz. WM Clear Glass Cool to 4° C
24I0746-10	SB-9 (17-20)	2 oz. WM Clear Glass Cool to 4° C
24I0746-11	SB-10 (23-26)	2 oz. WM Clear Glass Cool to 4° C
24I0746-12	SB-11 (20-23)	2 oz. WM Clear Glass Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
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.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24I0746

Report To:	Invoice To:
Company: MCP Associates, Inc	Company:
Address: 1 Fairchild Sq Suite 110 Clifton Park NY 12065	Address:
Phone.: 518 877 7101	Phone.:
Contact: Elliott Jackson	Contact: Cassy George
E-mail: elliott.jackson@mcpassociates.com	E-mail: cassy.george@mcpassociates.com

YOUR Project Name / Number: Remington Arms / HERI510.P2

PO Number:

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

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

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

Elliott Jackson / Elliott Jackson

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:	TCL VOCs	TCL SVOCs	PP Metals	TCL PCBs	PAHs	Grab or Comp.
SB-62(2-5)	9/9/24	1010	S	2										X	X	X			G
SB-28(0.5-2)		1045	S	1													X		G
SB-63(10-12)		1115	S	2										X	X	X			G
SB-17(25-28)		1330	S	2										X	X	X	X		G
RB-9.9.24		1530	GW	4	3		1							X	X	X	X		
SB-19(1-3)	9/11	840	S	1												X		X	G
SB-18(2-5)	9/10	1345	S	3												X		X	G
SB-DUP-2	9/10		S	1												X		X	G
SB-23(18-21)	9/10	930	S	2										X	X	X			G
SB-9(17-20)	9/10	1130	S	2										X	X	X	X		G
SB-10(23-26)	9/10	1215	S	2										X	X	X	X		G
SB-11(20-23)	9/11	1215	S	2										X	X	X	X		G
SB-32(10-12)	9/11	1400	S	1												X		X	G
SB-34(25-27)	9/11	1000	S	1												X		X	G
SB-33(8-10)	9/11	1300	S	1												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) NYSDEC Part 375 SCOs

Field Filtered | Lab Filtered

Comments: Send copy to Ted.Wall@mcpassociates.com
** run for MS/MSD

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
	9/10/24 0900	Chris C	9-12-24 9:00	Chris C	9-12-24 1540
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
				MCP	9/12/24 15:40 / 3.9 Degrees C

Technical Report

prepared for:

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

Report Date: 09/16/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I0294

Report Date: 09/16/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I0294

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 06, 2024 and listed below. The project was identified as your project: **Remington Arms/HER1510.P2**.

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
24I0294-01	SB-49 (27-30)	Soil	09/05/2024	09/06/2024
24I0294-02	SB-48 (28-31)	Soil	09/05/2024	09/06/2024
24I0294-03	SB-51 (2-4)	Soil	09/05/2024	09/06/2024
24I0294-04	SB-51 (10-13)	Soil	09/05/2024	09/06/2024
24I0294-05	SB-20 (1-2.5)	Soil	09/05/2024	09/06/2024
24I0294-06	SB-21 (1-2.5)	Soil	09/05/2024	09/06/2024
24I0294-07	RB_9.5.24	Ground Water	09/05/2024	09/06/2024

General Notes for York Project (SDG) No.: 24I0294

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

Approved By:  **Date:** 09/16/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB-49 (27-30) **York Sample ID:** 24I0294-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 1:00 pm	09/06/2024

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

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	CCVE, QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								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	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-49 (27-30) **York Sample ID:** 24I0294-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 1:00 pm	09/06/2024

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

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	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-49 (27-30) **York Sample ID:** 24I0294-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 1:00 pm	09/06/2024

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

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	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.019**	QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-49 (27-30) **York Sample ID:** 24I0294-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 1:00 pm	09/06/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-CONT

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	0.0031	0.0061	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	09/10/2024 13:59	09/10/2024 22:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

SVOA, 8270 MASTER

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	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-49 (27-30) **York Sample ID:** 24I0294-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 1:00 pm	09/06/2024

SVOA, 8270 MASTER **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	CCVE	mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.203	0.407	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.203	0.407	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-49 (27-30) **York Sample ID:** 24I0294-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 1:00 pm	09/06/2024

SVOA, 8270 MASTER **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-49 (27-30) **York Sample ID:** 24I0294-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 1:00 pm	09/06/2024

SVOA, 8270 MASTER **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	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.203	0.407	2	EPA 8270D	09/11/2024 09:17	09/12/2024 11:42	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*42.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*49.0 %*	*24-116*

Sample Information

Client Sample ID: SB-49 (27-30) **York Sample ID:** 24I0294-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 1:00 pm	09/06/2024

Metals, Priority Pollutant

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	2.12	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.39**		mg/kg dry	1.27	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.043	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.255	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.02**		mg/kg dry	0.425	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**20.1**		mg/kg dry	1.70	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**7.98**		mg/kg dry	0.425	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**11.1**		mg/kg dry	0.845	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.12	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.428	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.12	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**43.5**		mg/kg dry	2.11	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	0.0367	1	EPA 7473	09/11/2024 13:42	09/12/2024 14:06	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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**	**81.8**		%	0.100	1	SM 2540G	09/09/2024 10:25	09/09/2024 15:18	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-48 (28-31) **York Sample ID:** 24I0294-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 12:45 pm	09/06/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-CONT

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	CCVE, QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								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	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**0.036**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**0.011**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-48 (28-31) **York Sample ID:** 24I0294-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 12:45 pm	09/06/2024

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

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	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.012**		mg/kg dry	0.0058	0.012	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**0.11**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-48 (28-31) **York Sample ID:** 24I0294-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 12:45 pm	09/06/2024

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

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	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**0.031**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.011**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**0.0089**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.0045**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-48 (28-31) **York Sample ID:** 24I0294-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 12:45 pm	09/06/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-CONT

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	0.0029	0.0058	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*144 %*	S-08	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*115 %*		*76-130*

SVOA, 8270 MASTER

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	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-48 (28-31) **York Sample ID:** 24I0294-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 12:45 pm	09/06/2024

SVOA, 8270 MASTER **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	CCVE	mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.195	0.389	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.195	0.389	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-48 (28-31) **York Sample ID:** 24I0294-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 12:45 pm	09/06/2024

SVOA, 8270 MASTER **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-48 (28-31) **York Sample ID:** 24I0294-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 12:45 pm	09/06/2024

SVOA, 8270 MASTER **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	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.195	0.389	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:11	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*63.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*86.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.6 %*	*24-116*

Sample Information

Client Sample ID: SB-48 (28-31) **York Sample ID:** 24I0294-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 12:45 pm	09/06/2024

Metals, Priority Pollutant

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	2.03	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.18**		mg/kg dry	1.22	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.041	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.244	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.94**		mg/kg dry	0.406	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**19.5**		mg/kg dry	1.62	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**5.53**		mg/kg dry	0.406	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.9**		mg/kg dry	0.809	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.03	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.409	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.03	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**38.8**		mg/kg dry	2.02	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	0.0351	1	EPA 7473	09/11/2024 13:42	09/12/2024 14:06	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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**	**85.5**		%	0.100	1	SM 2540G	09/09/2024 10:25	09/09/2024 15:18	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-51 (2-4)** **York Sample ID:** **24I0294-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:00 am	09/06/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-CONT

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	CCVE, QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								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	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-51 (2-4) **York Sample ID:** 24I0294-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:00 am	09/06/2024

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

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	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.011**		mg/kg dry	0.0054	0.011	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-51 (2-4) **York Sample ID:** 24I0294-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:00 am	09/06/2024

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

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	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-51 (2-4) **York Sample ID:** 24I0294-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:00 am	09/06/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-CONT

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	0.0027	0.0054	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

SVOA, 8270 MASTER

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	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-51 (2-4) **York Sample ID:** 24I0294-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:00 am	09/06/2024

SVOA, 8270 MASTER **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.0686**	J, CCVE	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0455**	J	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0816**	J	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-51 (2-4) **York Sample ID:** 24I0294-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:00 am	09/06/2024

SVOA, 8270 MASTER **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
50-32-8	**Benzo(a)pyrene**	**0.0895**	J	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0758**	J	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.131**		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0693**	J	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0859**	J	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.144**		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-51 (2-4) **York Sample ID:** 24I0294-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:00 am	09/06/2024

SVOA, 8270 MASTER

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	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0974**		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.148**		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.181	0.362	2	EPA 8270D	09/11/2024 09:17	09/12/2024 12:40	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.2 %*	*24-116*

Sample Information

Client Sample ID: SB-51 (2-4) **York Sample ID:** 24I0294-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:00 am	09/06/2024

Metals, Priority Pollutant

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	1.89	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**15.4**		mg/kg dry	1.13	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.118**		mg/kg dry	0.038	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.226	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**25.8**		mg/kg dry	0.377	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**42.3**		mg/kg dry	1.51	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**50.6**		mg/kg dry	0.377	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**21.8**		mg/kg dry	0.751	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.89	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.380	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.89	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**90.4**		mg/kg dry	1.88	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.0572**		mg/kg dry	0.0326	1	EPA 7473	09/11/2024 13:42	09/12/2024 14:06	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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**	**92.1**		%	0.100	1	SM 2540G	09/09/2024 10:25	09/09/2024 15:18	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-51 (10-13) **York Sample ID:** 24I0294-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:05 am	09/06/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-CONT

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	CCVE, QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								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	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-51 (10-13) **York Sample ID:** 24I0294-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:05 am	09/06/2024

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

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	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-51 (10-13) **York Sample ID:** 24I0294-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:05 am	09/06/2024

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

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	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-51 (10-13) **York Sample ID:** 24I0294-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:05 am	09/06/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-CONT

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	0.0026	0.0053	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	09/10/2024 13:59	09/10/2024 23:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

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	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-51 (10-13) **York Sample ID:** 24I0294-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:05 am	09/06/2024

SVOA, 8270 MASTER

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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	CCVE	mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-51 (10-13) **York Sample ID:** 24I0294-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:05 am	09/06/2024

SVOA, 8270 MASTER

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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-51 (10-13) **York Sample ID:** 24I0294-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:05 am	09/06/2024

SVOA, 8270 MASTER

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	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.175	0.350	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*71.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*71.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*108 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*98.8 %*	*24-116*

Sample Information

Client Sample ID: SB-51 (10-13) **York Sample ID:** 24I0294-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 11:05 am	09/06/2024

Metals, Priority Pollutant

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	1.83	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.20**		mg/kg dry	1.10	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.037	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.219	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**17.1**		mg/kg dry	0.366	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**32.8**		mg/kg dry	1.46	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**10.2**		mg/kg dry	0.366	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.5**		mg/kg dry	0.728	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.83	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.368	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.83	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**48.4**		mg/kg dry	1.82	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	0.0316	1	EPA 7473	09/11/2024 13:39	09/12/2024 14:10	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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**	**95.1**		%	0.100	1	SM 2540G	09/09/2024 10:25	09/09/2024 15:18	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-20 (1-2.5)** **York Sample ID:** **24I0294-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 9:00 am	09/06/2024

SVOA, 8270 MASTER

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	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-20 (1-2.5) **York Sample ID:** 24I0294-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 9:00 am	09/06/2024

SVOA, 8270 MASTER

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
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.0564**	J, CCVE	mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0748**	J	mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.224**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.174**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.147**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.167**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.154**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-20 (1-2.5) **York Sample ID:** 24I0294-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 9:00 am	09/06/2024

SVOA, 8270 MASTER

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
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.177**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0572**	J	mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.322**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.153**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.161**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-20 (1-2.5) **York Sample ID:** 24I0294-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 9:00 am	09/06/2024

SVOA, 8270 MASTER

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
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.381**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	09/11/2024 09:17	09/12/2024 13:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*71.1 %*	*30-130*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*69.2 %*	*30-130*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.2 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.2 %*	*30-130*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*108 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*97.9 %*	*30-130*

Metals, Priority Pollutant

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	1.91	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**11.6**		mg/kg dry	1.15	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.046**		mg/kg dry	0.039	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.230	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.1**		mg/kg dry	0.383	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**60.4**		mg/kg dry	1.53	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**73.7**		mg/kg dry	0.383	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.9**		mg/kg dry	0.763	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.91	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.386	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.91	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**78.6**		mg/kg dry	1.91	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-20 (1-2.5) **York Sample ID:** 24I0294-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 9:00 am	09/06/2024

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**	**0.211**		mg/kg dry	0.0331	1	EPA 7473	09/11/2024 13:39	09/12/2024 14:10	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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**	**90.7**		%	0.100	1	SM 2540G	09/09/2024 10:25	09/09/2024 15:18	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-21 (1-2.5) **York Sample ID:** 24I0294-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 9:30 am	09/06/2024

SVOA, 8270 MASTER

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	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.437	0.873	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.437	0.873	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.437	0.873	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.437	0.873	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.437	0.873	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.437	0.873	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-21 (1-2.5) **York Sample ID:** 24I0294-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 9:30 am	09/06/2024

SVOA, 8270 MASTER **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
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.437	0.873	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.437	0.873	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.493**	CCVE	mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.227**	J	mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.391**	J	mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.325**	J	mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.402**	J	mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.220**	J	mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.437	0.873	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-21 (1-2.5) **York Sample ID:** 24I0294-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 9:30 am	09/06/2024

SVOA, 8270 MASTER

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
86-74-8	Carbazole	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.325**	J	mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.259**	J	mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.308**	J	mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-21 (1-2.5) **York Sample ID:** 24I0294-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 9:30 am	09/06/2024

SVOA, 8270 MASTER

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
108-95-2	Phenol	ND		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.02**		mg/kg dry	0.219	0.437	10	EPA 8270D	09/11/2024 09:17	09/12/2024 14:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.6 %*	*30-130*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.8 %*	*30-130*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.0 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.8 %*	*30-130*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.4 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.0 %*	*30-130*

Metals, Priority Pollutant

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	1.83	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.82**		mg/kg dry	1.10	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.037	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.219	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**6.26**		mg/kg dry	0.366	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**13.5**		mg/kg dry	1.46	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**30.2**		mg/kg dry	0.366	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**8.10**		mg/kg dry	0.728	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.83	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.368	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.83	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**27.7**		mg/kg dry	1.82	1	EPA 6010D	09/11/2024 14:45	09/12/2024 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-21 (1-2.5) **York Sample ID:** 24I0294-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Soil	September 5, 2024 9:30 am	09/06/2024

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**	**0.0342**		mg/kg dry	0.0316	1	EPA 7473	09/11/2024 13:39	09/12/2024 14:10	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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**	**95.1**		%	0.100	1	SM 2540G	09/09/2024 10:25	09/09/2024 15:18	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: RB_9.5.24 **York Sample ID:** 24I0294-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Ground Water	September 5, 2024 3:45 pm	09/06/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_9.5.24 **York Sample ID:** 24I0294-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Ground Water	September 5, 2024 3:45 pm	09/06/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.84**		ug/L	0.245	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**20.7**		ug/L	0.243	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: RB_9.5.24 **York Sample ID:** 24I0294-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Ground Water	September 5, 2024 3:45 pm	09/06/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**3.59**	CCVE, QL-02, B	ug/L	0.249	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_9.5.24 **York Sample ID:** 24I0294-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Ground Water	September 5, 2024 3:45 pm	09/06/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/11/2024 08:00	09/11/2024 14:14	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.5.24 **York Sample ID:** 24I0294-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Ground Water	September 5, 2024 3:45 pm	09/06/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	5.00	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	ug/L	5.00	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.5.24 **York Sample ID:** 24I0294-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Ground Water	September 5, 2024 3:45 pm	09/06/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/11/2024 08:41	09/12/2024 09:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*27.2 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*10.7 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.5 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.5 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*130 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.5 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: RB_9.5.24 **York Sample ID:** 24I0294-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Ground Water	September 5, 2024 3:45 pm	09/06/2024

83-32-9	Acenaphthene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ug/L	0.500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	ug/L	0.500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND	ug/L	0.0200	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND	ug/L	0.500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND	ug/L	0.500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	ug/L	0.250	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	ug/L	0.500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	ug/L	0.250	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/11/2024 08:41	09/12/2024 10:22	LL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.5.24 **York Sample ID:** 24I0294-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0294	Remington Arms/HER1510.P2	Ground Water	September 5, 2024 3:45 pm	09/06/2024

Metals, Priority Pollutant-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 14:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 14:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/10/2024 08:35	09/11/2024 14:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/10/2024 08:35	09/11/2024 14:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.16**	M-CCV 1	ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 14:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND	M-CCV 1	ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 14:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 14:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND	M-CCV 1	ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 14:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 14:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 14:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 14:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**10.6**	M-CCV 1	ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 14:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/10/2024 08:34	09/10/2024 08:34	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Analytical Batch Summary

Batch ID: BI40448 **Preparation Method:** % Solids Prep **Prepared By:** TCD

YORK Sample ID	Client Sample ID	Preparation Date
24I0294-01	SB-49 (27-30)	09/09/24
24I0294-02	SB-48 (28-31)	09/09/24
24I0294-03	SB-51 (2-4)	09/09/24
24I0294-04	SB-51 (10-13)	09/09/24
24I0294-05	SB-20 (1-2.5)	09/09/24
24I0294-06	SB-21 (1-2.5)	09/09/24

Batch ID: BI40524 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24I0294-07	RB_9.5.24	09/10/24
BI40524-BLK1	Blank	09/10/24
BI40524-BS1	LCS	09/10/24

Batch ID: BI40527 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24I0294-07	RB_9.5.24	09/10/24
BI40527-BLK1	Blank	09/10/24
BI40527-BS1	LCS	09/10/24

Batch ID: BI40560 **Preparation Method:** EPA 5035A **Prepared By:** SKF

YORK Sample ID	Client Sample ID	Preparation Date
24I0294-01	SB-49 (27-30)	09/10/24
24I0294-02	SB-48 (28-31)	09/10/24
24I0294-03	SB-51 (2-4)	09/10/24
24I0294-04	SB-51 (10-13)	09/10/24
BI40560-BLK1	Blank	09/10/24
BI40560-BS1	LCS	09/10/24
BI40560-BSD1	LCS Dup	09/10/24

Batch ID: BI40622 **Preparation Method:** EPA 3510C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24I0294-07	RB_9.5.24	09/11/24
BI40622-BLK1	Blank	09/11/24
BI40622-BLK2	Blank	09/11/24
BI40622-BS1	LCS	09/11/24
BI40622-BS2	LCS	09/11/24

Batch ID: BI40628 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24I0294-07	RB_9.5.24	09/11/24
BI40628-BLK1	Blank	09/11/24
BI40628-BS1	LCS	09/11/24
BI40628-BSD1	LCS Dup	09/11/24

Batch ID: BI40637 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I0294-01	SB-49 (27-30)	09/11/24
24I0294-02	SB-48 (28-31)	09/11/24
24I0294-03	SB-51 (2-4)	09/11/24
24I0294-04	SB-51 (10-13)	09/11/24
24I0294-05	SB-20 (1-2.5)	09/11/24
24I0294-06	SB-21 (1-2.5)	09/11/24
BI40637-BLK1	Blank	09/11/24
BI40637-BS1	LCS	09/11/24

Batch ID: BI40656 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0294-04	SB-51 (10-13)	09/11/24
24I0294-05	SB-20 (1-2.5)	09/11/24
24I0294-06	SB-21 (1-2.5)	09/11/24
BI40656-BLK1	Blank	09/11/24
BI40656-DUP1	Duplicate	09/11/24
BI40656-MS1	Matrix Spike	09/11/24
BI40656-SRM1	Reference	09/11/24

Batch ID: BI40657 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0294-01	SB-49 (27-30)	09/11/24
24I0294-02	SB-48 (28-31)	09/11/24
24I0294-03	SB-51 (2-4)	09/11/24
BI40657-BLK1	Blank	09/11/24
BI40657-SRM1	Reference	09/11/24

Batch ID: BI40668 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I0294-01	SB-49 (27-30)	09/11/24
24I0294-02	SB-48 (28-31)	09/11/24
24I0294-03	SB-51 (2-4)	09/11/24
24I0294-04	SB-51 (10-13)	09/11/24
24I0294-05	SB-20 (1-2.5)	09/11/24
24I0294-06	SB-21 (1-2.5)	09/11/24

BI40668-BLK1	Blank	09/11/24
BI40668-SRM1	Reference	09/11/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40560 - EPA 5035A											
Blank (BI40560-BLK1)											Prepared & Analyzed: 09/10/2024
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	0.0054	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40560 - EPA 5035A											
Blank (BI40560-BLK1)								Prepared & Analyzed: 09/10/2024			
n-Butylbenzene	ND	0.0050	mg/kg wet								
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)	0.0064	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.3*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				
LCS (BI40560-BS1)								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	34.9		ug/L	50.0		69.7	75-129	Low Bias			
1,1,1-Trichloroethane	45.0		"	50.0		90.0	71-137				
1,1,2,2-Tetrachloroethane	50.1		"	50.0		100	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.2		"	50.0		102	58-146				
1,1,2-Trichloroethane	46.4		"	50.0		92.7	83-123				
1,1-Dichloroethane	48.4		"	50.0		96.7	75-130				
1,1-Dichloroethylene	54.6		"	50.0		109	64-137				
1,2,3-Trichlorobenzene	43.0		"	50.0		86.1	81-140				
1,2,3-Trichloropropane	45.2		"	50.0		90.3	81-126				
1,2,4-Trichlorobenzene	46.0		"	50.0		92.0	80-141				
1,2,4-Trimethylbenzene	45.7		"	50.0		91.4	84-125				
1,2-Dibromo-3-chloropropane	41.0		"	50.0		82.0	74-142				
1,2-Dibromoethane	46.5		"	50.0		92.9	86-123				
1,2-Dichlorobenzene	44.0		"	50.0		88.0	85-122				
1,2-Dichloroethane	52.0		"	50.0		104	71-133				
1,2-Dichloropropane	45.6		"	50.0		91.3	81-122				
1,3,5-Trimethylbenzene	45.6		"	50.0		91.2	82-126				
1,3-Dichlorobenzene	43.5		"	50.0		86.9	84-124				
1,4-Dichlorobenzene	42.6		"	50.0		85.1	84-124				
1,4-Dioxane	964		"	1050		91.8	10-228				
2-Butanone	47.5		"	50.0		95.0	58-147				
2-Hexanone	44.4		"	50.0		88.7	70-139				
4-Methyl-2-pentanone	46.5		"	50.0		93.1	72-132				
Acetone	113		"	50.0		225	36-155	High Bias			
Acrolein	8.84		"	50.0		17.7	10-238				
Acrylonitrile	51.8		"	50.0		104	66-141				
Benzene	52.0		"	50.0		104	77-127				
Bromochloromethane	52.3		"	50.0		105	74-129				
Bromodichloromethane	44.8		"	50.0		89.5	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40560 - EPA 5035A											
LCS (BI40560-BS1)								Prepared & Analyzed: 09/10/2024			
Bromoform	36.0		ug/L	50.0		72.0	80-136	Low Bias			
Bromomethane	88.8		"	50.0		178	32-177	High Bias			
Carbon disulfide	55.1		"	50.0		110	10-136				
Carbon tetrachloride	38.9		"	50.0		77.7	66-143				
Chlorobenzene	45.7		"	50.0		91.4	86-120				
Chloroethane	75.3		"	50.0		151	51-142	High Bias			
Chloroform	49.4		"	50.0		98.8	76-131				
Chloromethane	47.2		"	50.0		94.4	49-132				
cis-1,2-Dichloroethylene	48.4		"	50.0		96.8	74-132				
cis-1,3-Dichloropropylene	44.0		"	50.0		87.9	81-129				
Cyclohexane	48.4		"	50.0		96.8	70-130				
Dibromochloromethane	39.3		"	50.0		78.5	10-200				
Dibromomethane	47.1		"	50.0		94.2	83-124				
Dichlorodifluoromethane	40.7		"	50.0		81.4	28-158				
Ethyl Benzene	48.7		"	50.0		97.3	84-125				
Hexachlorobutadiene	37.8		"	50.0		75.7	83-133	Low Bias			
Isopropylbenzene	45.3		"	50.0		90.6	81-127				
Methyl acetate	43.6		"	50.0		87.2	41-143				
Methyl tert-butyl ether (MTBE)	46.8		"	50.0		93.6	74-131				
Methylcyclohexane	42.6		"	50.0		85.1	70-130				
Methylene chloride	52.9		"	50.0		106	57-141				
n-Butylbenzene	48.5		"	50.0		97.1	80-130				
n-Propylbenzene	47.3		"	50.0		94.5	74-136				
o-Xylene	46.3		"	50.0		92.5	83-123				
p- & m- Xylenes	101		"	100		101	82-128				
p-Isopropyltoluene	47.3		"	50.0		94.7	85-125				
sec-Butylbenzene	45.5		"	50.0		91.1	83-125				
Styrene	46.0		"	50.0		92.0	86-126				
tert-Butyl alcohol (TBA)	179		"	250		71.7	70-130				
tert-Butylbenzene	42.5		"	50.0		85.0	80-127				
Tetrachloroethylene	34.1		"	50.0		68.2	80-129	Low Bias			
Toluene	47.0		"	50.0		94.1	85-121				
trans-1,2-Dichloroethylene	50.3		"	50.0		101	72-132				
trans-1,3-Dichloropropylene	42.0		"	50.0		84.0	78-132				
Trichloroethylene	43.3		"	50.0		86.6	84-123				
Trichlorofluoromethane	81.5		"	50.0		163	62-140	High Bias			
Vinyl Chloride	69.9		"	50.0		140	52-130	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40560 - EPA 5035A											
LCS Dup (BI40560-BSD1)								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	35.4		ug/L	50.0		70.9	75-129	Low Bias	1.62	30	
1,1,1-Trichloroethane	45.3		"	50.0		90.6	71-137		0.664	30	
1,1,2,2-Tetrachloroethane	50.0		"	50.0		100	79-129		0.240	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.5		"	50.0		101	58-146		1.42	30	
1,1,2-Trichloroethane	46.0		"	50.0		92.1	83-123		0.693	30	
1,1-Dichloroethane	48.3		"	50.0		96.6	75-130		0.103	30	
1,1-Dichloroethylene	54.7		"	50.0		109	64-137		0.183	30	
1,2,3-Trichlorobenzene	43.5		"	50.0		87.0	81-140		1.02	30	
1,2,3-Trichloropropane	44.6		"	50.0		89.1	81-126		1.36	30	
1,2,4-Trichlorobenzene	46.8		"	50.0		93.6	80-141		1.79	30	
1,2,4-Trimethylbenzene	46.1		"	50.0		92.2	84-125		0.806	30	
1,2-Dibromo-3-chloropropane	40.7		"	50.0		81.4	74-142		0.734	30	
1,2-Dibromoethane	45.6		"	50.0		91.2	86-123		1.87	30	
1,2-Dichlorobenzene	44.0		"	50.0		88.1	85-122		0.0682	30	
1,2-Dichloroethane	50.0		"	50.0		100	71-133		3.92	30	
1,2-Dichloropropane	46.8		"	50.0		93.6	81-122		2.47	30	
1,3,5-Trimethylbenzene	46.0		"	50.0		92.1	82-126		0.938	30	
1,3-Dichlorobenzene	43.7		"	50.0		87.4	84-124		0.528	30	
1,4-Dichlorobenzene	43.2		"	50.0		86.4	84-124		1.49	30	
1,4-Dioxane	906		"	1050		86.3	10-228		6.21	30	
2-Butanone	45.5		"	50.0		90.9	58-147		4.39	30	
2-Hexanone	42.4		"	50.0		84.8	70-139		4.52	30	
4-Methyl-2-pentanone	45.3		"	50.0		90.5	72-132		2.75	30	
Acetone	104		"	50.0		208	36-155	High Bias	7.82	30	
Acrolein	7.90		"	50.0		15.8	10-238		11.2	30	
Acrylonitrile	50.0		"	50.0		100	66-141		3.61	30	
Benzene	51.8		"	50.0		104	77-127		0.347	30	
Bromochloromethane	50.2		"	50.0		100	74-129		4.10	30	
Bromodichloromethane	45.6		"	50.0		91.2	81-124		1.90	30	
Bromoform	34.9		"	50.0		69.8	80-136	Low Bias	3.10	30	
Bromomethane	84.7		"	50.0		169	32-177		4.81	30	
Carbon disulfide	55.4		"	50.0		111	10-136		0.579	30	
Carbon tetrachloride	39.5		"	50.0		78.9	66-143		1.56	30	
Chlorobenzene	45.6		"	50.0		91.2	86-120		0.197	30	
Chloroethane	76.2		"	50.0		152	51-142	High Bias	1.23	30	
Chloroform	49.1		"	50.0		98.2	76-131		0.589	30	
Chloromethane	44.8		"	50.0		89.5	49-132		5.37	30	
cis-1,2-Dichloroethylene	48.1		"	50.0		96.2	74-132		0.539	30	
cis-1,3-Dichloropropylene	44.1		"	50.0		88.3	81-129		0.363	30	
Cyclohexane	48.5		"	50.0		97.0	70-130		0.227	30	
Dibromochloromethane	39.2		"	50.0		78.3	10-200		0.306	30	
Dibromomethane	46.0		"	50.0		91.9	83-124		2.47	30	
Dichlorodifluoromethane	37.3		"	50.0		74.5	28-158		8.77	30	
Ethyl Benzene	48.6		"	50.0		97.3	84-125		0.0617	30	
Hexachlorobutadiene	39.9		"	50.0		79.8	83-133	Low Bias	5.28	30	
Isopropylbenzene	46.1		"	50.0		92.1	81-127		1.64	30	
Methyl acetate	40.0		"	50.0		80.1	41-143		8.46	30	
Methyl tert-butyl ether (MTBE)	44.9		"	50.0		89.9	74-131		4.08	30	
Methylcyclohexane	43.6		"	50.0		87.1	70-130		2.37	30	
Methylene chloride	57.5		"	50.0		115	57-141		8.31	30	
n-Butylbenzene	49.8		"	50.0		99.7	80-130		2.64	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40560 - EPA 5035A											
LCS Dup (BI40560-BSD1)								Prepared & Analyzed: 09/10/2024			
n-Propylbenzene	48.0		ug/L	50.0		95.9	74-136		1.47	30	
o-Xylene	46.0		"	50.0		91.9	83-123		0.672	30	
p- & m- Xylenes	100		"	100		100	82-128		0.706	30	
p-Isopropyltoluene	47.7		"	50.0		95.5	85-125		0.842	30	
sec-Butylbenzene	46.3		"	50.0		92.6	83-125		1.63	30	
Styrene	45.6		"	50.0		91.1	86-126		0.939	30	
tert-Butyl alcohol (TBA)	166		"	250		66.2	70-130	Low Bias	7.94	30	
tert-Butylbenzene	43.1		"	50.0		86.2	80-127		1.40	30	
Tetrachloroethylene	34.9		"	50.0		69.8	80-129	Low Bias	2.26	30	
Toluene	47.7		"	50.0		95.4	85-121		1.37	30	
trans-1,2-Dichloroethylene	50.1		"	50.0		100	72-132		0.498	30	
trans-1,3-Dichloropropylene	42.5		"	50.0		84.9	78-132		1.04	30	
Trichloroethylene	44.6		"	50.0		89.3	84-123		3.00	30	
Trichlorofluoromethane	79.3		"	50.0		159	62-140	High Bias	2.66	30	
Vinyl Chloride	64.9		"	50.0		130	52-130		7.40	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.6*	*76-130*				
Batch BI40628 - EPA 5030B											
Blank (BI40628-BLK1)								Prepared & Analyzed: 09/11/2024			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40628 - EPA 5030B											
Blank (BI40628-BLK1)									Prepared & Analyzed: 09/11/2024		
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	1.43	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	5.74	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.33*		*"*	*10.0*		*93.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.76*		*"*	*10.0*		*97.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40628 - EPA 5030B											
LCS (BI40628-BS1)								Prepared & Analyzed: 09/11/2024			
1,1,1,2-Tetrachloroethane	11.6		ug/L	10.0		116	82-126				
1,1,1-Trichloroethane	11.8		"	10.0		118	78-136				
1,1,2,2-Tetrachloroethane	12.3		"	10.0		123	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.5		"	10.0		125	54-165				
1,1,2-Trichloroethane	11.4		"	10.0		114	82-123				
1,1-Dichloroethane	11.4		"	10.0		114	82-129				
1,1-Dichloroethylene	12.0		"	10.0		120	68-138				
1,2,3-Trichlorobenzene	11.4		"	10.0		114	76-136				
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128				
1,2,4-Trichlorobenzene	12.1		"	10.0		121	76-137				
1,2,4-Trimethylbenzene	11.7		"	10.0		117	82-132				
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147				
1,2-Dibromoethane	11.7		"	10.0		117	83-124				
1,2-Dichlorobenzene	10.9		"	10.0		109	79-123				
1,2-Dichloroethane	11.0		"	10.0		110	73-132				
1,2-Dichloropropane	11.1		"	10.0		111	78-126				
1,3,5-Trimethylbenzene	11.6		"	10.0		116	80-131				
1,3-Dichlorobenzene	11.0		"	10.0		110	86-122				
1,4-Dichlorobenzene	11.0		"	10.0		110	85-124				
1,4-Dioxane	228		"	210		109	10-349				
2-Butanone	10.0		"	10.0		100	49-152				
2-Hexanone	8.50		"	10.0		85.0	51-146				
4-Methyl-2-pentanone	11.1		"	10.0		111	57-145				
Acetone	19.9		"	10.0		199	14-150	High Bias			
Acrolein	4.00		"	10.0		40.0	10-153				
Acrylonitrile	12.5		"	10.0		125	51-150				
Benzene	12.4		"	10.0		124	85-126				
Bromochloromethane	11.4		"	10.0		114	77-128				
Bromodichloromethane	11.5		"	10.0		115	79-128				
Bromoform	11.6		"	10.0		116	78-133				
Bromomethane	12.4		"	10.0		124	43-168				
Carbon disulfide	12.4		"	10.0		124	68-146				
Carbon tetrachloride	12.4		"	10.0		124	77-141				
Chlorobenzene	11.3		"	10.0		113	88-120				
Chloroethane	8.25		"	10.0		82.5	65-136				
Chloroform	11.5		"	10.0		115	82-128				
Chloromethane	6.73		"	10.0		67.3	43-155				
cis-1,2-Dichloroethylene	12.6		"	10.0		126	83-129				
cis-1,3-Dichloropropylene	11.5		"	10.0		115	80-131				
Cyclohexane	12.0		"	10.0		120	63-149				
Dibromochloromethane	11.0		"	10.0		110	80-130				
Dibromomethane	11.0		"	10.0		110	72-134				
Dichlorodifluoromethane	4.40		"	10.0		44.0	44-144				
Ethyl Benzene	11.4		"	10.0		114	80-131				
Hexachlorobutadiene	11.8		"	10.0		118	67-146				
Isopropylbenzene	11.5		"	10.0		115	76-140				
Methyl acetate	10.3		"	10.0		103	51-139				
Methyl tert-butyl ether (MTBE)	12.3		"	10.0		123	76-135				
Methylcyclohexane	11.4		"	10.0		114	72-143				
Methylene chloride	11.4		"	10.0		114	55-137				
n-Butylbenzene	11.7		"	10.0		117	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

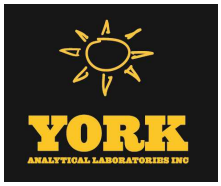
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40628 - EPA 5030B											
LCS (BI40628-BS1)								Prepared & Analyzed: 09/11/2024			
n-Propylbenzene	11.1		ug/L	10.0		111	78-133				
o-Xylene	11.5		"	10.0		115	78-130				
p- & m- Xylenes	22.2		"	20.0		111	77-133				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	11.6		"	10.0		116	79-137				
Styrene	11.6		"	10.0		116	67-132				
tert-Butyl alcohol (TBA)	63.2		"	50.0		126	25-162				
tert-Butylbenzene	11.4		"	10.0		114	77-138				
Tetrachloroethylene	5.75		"	10.0		57.5	82-131	Low Bias			
Toluene	11.3		"	10.0		113	80-127				
trans-1,2-Dichloroethylene	12.0		"	10.0		120	80-132				
trans-1,3-Dichloropropylene	11.5		"	10.0		115	78-131				
Trichloroethylene	32.8		"	10.0		328	82-128	High Bias			
Trichlorofluoromethane	9.03		"	10.0		90.3	67-139				
Vinyl Chloride	7.66		"	10.0		76.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.12*		*"*	*10.0*		*91.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*79-122*				
LCS Dup (BI40628-BSD1)								Prepared & Analyzed: 09/11/2024			
1,1,1,2-Tetrachloroethane	11.5		ug/L	10.0		115	82-126		0.869	30	
1,1,1-Trichloroethane	11.7		"	10.0		117	78-136		0.935	30	
1,1,2,2-Tetrachloroethane	12.5		"	10.0		125	76-129		1.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.2		"	10.0		122	54-165		1.94	30	
1,1,2-Trichloroethane	11.2		"	10.0		112	82-123		1.42	30	
1,1-Dichloroethane	11.2		"	10.0		112	82-129		1.32	30	
1,1-Dichloroethylene	11.8		"	10.0		118	68-138		1.35	30	
1,2,3-Trichlorobenzene	12.2		"	10.0		122	76-136		6.89	30	
1,2,3-Trichloropropane	11.0		"	10.0		110	77-128		2.48	30	
1,2,4-Trichlorobenzene	12.5		"	10.0		125	76-137		3.50	30	
1,2,4-Trimethylbenzene	11.7		"	10.0		117	82-132		0.00	30	
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147		4.12	30	
1,2-Dibromoethane	11.8		"	10.0		118	83-124		1.11	30	
1,2-Dichlorobenzene	10.9		"	10.0		109	79-123		0.0917	30	
1,2-Dichloroethane	11.0		"	10.0		110	73-132		0.546	30	
1,2-Dichloropropane	11.0		"	10.0		110	78-126		0.542	30	
1,3,5-Trimethylbenzene	11.7		"	10.0		117	80-131		0.947	30	
1,3-Dichlorobenzene	11.0		"	10.0		110	86-122		0.273	30	
1,4-Dichlorobenzene	11.0		"	10.0		110	85-124		0.636	30	
1,4-Dioxane	236		"	210		112	10-349		3.14	30	
2-Butanone	10.1		"	10.0		101	49-152		0.397	30	
2-Hexanone	8.73		"	10.0		87.3	51-146		2.67	30	
4-Methyl-2-pentanone	11.5		"	10.0		115	57-145		3.10	30	
Acetone	20.2		"	10.0		202	14-150	High Bias	1.30	30	
Acrolein	4.07		"	10.0		40.7	10-153		1.73	30	
Acrylonitrile	12.3		"	10.0		123	51-150		1.37	30	
Benzene	12.2		"	10.0		122	85-126		1.22	30	
Bromochloromethane	11.2		"	10.0		112	77-128		1.68	30	
Bromodichloromethane	11.4		"	10.0		114	79-128		0.874	30	
Bromoform	11.8		"	10.0		118	78-133		1.28	30	
Bromomethane	12.4		"	10.0		124	43-168		0.403	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40628 - EPA 5030B											
LCS Dup (BI40628-BSD1)								Prepared & Analyzed: 09/11/2024			
Carbon disulfide	12.0		ug/L	10.0		120	68-146		3.03	30	
Carbon tetrachloride	12.2		"	10.0		122	77-141		1.54	30	
Chlorobenzene	11.3		"	10.0		113	88-120		0.177	30	
Chloroethane	7.83		"	10.0		78.3	65-136		5.22	30	
Chloroform	11.4		"	10.0		114	82-128		0.697	30	
Chloromethane	6.36		"	10.0		63.6	43-155		5.65	30	
cis-1,2-Dichloroethylene	11.8		"	10.0		118	83-129		6.40	30	
cis-1,3-Dichloropropylene	11.4		"	10.0		114	80-131		0.871	30	
Cyclohexane	11.8		"	10.0		118	63-149		1.09	30	
Dibromochloromethane	11.0		"	10.0		110	80-130		0.0907	30	
Dibromomethane	11.0		"	10.0		110	72-134		0.0911	30	
Dichlorodifluoromethane	4.23		"	10.0		42.3	44-144	Low Bias	3.94	30	
Ethyl Benzene	11.4		"	10.0		114	80-131		0.00	30	
Hexachlorobutadiene	12.0		"	10.0		120	67-146		1.43	30	
Isopropylbenzene	11.5		"	10.0		115	76-140		0.174	30	
Methyl acetate	10.4		"	10.0		104	51-139		1.16	30	
Methyl tert-butyl ether (MTBE)	12.4		"	10.0		124	76-135		1.22	30	
Methylcyclohexane	11.4		"	10.0		114	72-143		0.00	30	
Methylene chloride	11.1		"	10.0		111	55-137		3.11	30	
n-Butylbenzene	11.9		"	10.0		119	79-132		1.69	30	
n-Propylbenzene	11.2		"	10.0		112	78-133		0.719	30	
o-Xylene	11.6		"	10.0		116	78-130		0.608	30	
p- & m- Xylenes	22.4		"	20.0		112	77-133		0.493	30	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		1.23	30	
sec-Butylbenzene	11.8		"	10.0		118	79-137		1.28	30	
Styrene	11.7		"	10.0		117	67-132		0.257	30	
tert-Butyl alcohol (TBA)	64.0		"	50.0		128	25-162		1.18	30	
tert-Butylbenzene	11.6		"	10.0		116	77-138		1.39	30	
Tetrachloroethylene	5.69		"	10.0		56.9	82-131	Low Bias	1.05	30	
Toluene	11.3		"	10.0		113	80-127		0.354	30	
trans-1,2-Dichloroethylene	11.8		"	10.0		118	80-132		1.51	30	
trans-1,3-Dichloropropylene	11.5		"	10.0		115	78-131		0.0871	30	
Trichloroethylene	18.0		"	10.0		180	82-128	High Bias	58.1	30	Non-dir.
Trichlorofluoromethane	8.72		"	10.0		87.2	67-139		3.49	30	
Vinyl Chloride	7.33		"	10.0		73.3	58-145		4.40	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.18*		*"*	*10.0*		*91.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.64*		*"*	*10.0*		*96.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40622 - EPA 3510C											
Blank (BI40622-BLK1)									Prepared & Analyzed: 09/11/2024		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40622 - EPA 3510C											
Blank (BI40622-BLK1)										Prepared & Analyzed: 09/11/2024	
Surrogate: SURR: 2-Fluorophenol	*15.8*		*ug/L*	*50.0*		*31.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*6.73*		*"*	*50.0*		*13.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*21.5*		*"*	*25.0*		*86.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.8*		*"*	*25.0*		*67.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*63.4*		*"*	*50.0*		*127*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.4*		*"*	*25.0*		*81.7*	*30.7-106*				
Blank (BI40622-BLK2)										Prepared & Analyzed: 09/11/2024	
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40622 - EPA 3510C											
LCS (BI40622-BS1)								Prepared & Analyzed: 09/11/2024			
1,1-Biphenyl	17.2	5.00	ug/L	25.0		68.9	33-95				
1,2,4,5-Tetrachlorobenzene	18.1	5.00	"	25.0		72.3	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	18.9	5.00	"	25.0		75.7	16-141				
2,3,4,6-Tetrachlorophenol	19.5	5.00	"	25.0		78.1	30-130				
2,4,5-Trichlorophenol	18.5	5.00	"	25.0		74.1	32-114				
2,4,6-Trichlorophenol	21.2	5.00	"	25.0		84.8	35-118				
2,4-Dichlorophenol	20.6	5.00	"	25.0		82.3	25-116				
2,4-Dimethylphenol	19.8	5.00	"	25.0		79.3	15-116				
2,4-Dinitrophenol	31.3	5.00	"	25.0		125	10-170				
2,4-Dinitrotoluene	24.9	5.00	"	25.0		99.6	41-128				
2,6-Dinitrotoluene	23.5	5.00	"	25.0		94.2	45-116				
2-Chloronaphthalene	17.0	5.00	"	25.0		68.0	33-112				
2-Chlorophenol	16.8	5.00	"	25.0		67.0	15-120				
2-Methylnaphthalene	15.3	5.00	"	25.0		61.2	24-118				
2-Methylphenol	13.3	5.00	"	25.0		53.2	10-110				
2-Nitroaniline	21.3	5.00	"	25.0		85.2	34-129				
2-Nitrophenol	24.4	5.00	"	25.0		97.6	28-118				
3- & 4-Methylphenols	11.3	5.00	"	25.0		45.0	10-107				
3,3-Dichlorobenzidine	14.0	5.00	"	25.0		56.2	15-187				
3-Nitroaniline	17.3	5.00	"	25.0		69.1	24-134				
4,6-Dinitro-2-methylphenol	36.9	5.00	"	25.0		147	10-153				
4-Bromophenyl phenyl ether	23.5	5.00	"	25.0		94.1	34-120				
4-Chloro-3-methylphenol	20.1	5.00	"	25.0		80.5	20-120				
4-Chloroaniline	15.5	5.00	"	25.0		61.8	10-147				
4-Chlorophenyl phenyl ether	19.9	5.00	"	25.0		79.4	27-121				
4-Nitroaniline	19.2	5.00	"	25.0		76.6	13-134				
4-Nitrophenol	7.21	5.00	"	25.0		28.8	10-131				
Acetophenone	19.7	5.00	"	25.0		78.9	25-110				
Aniline	23.3	5.00	"	25.0		93.2	10-117				
Benzaldehyde	20.4	5.00	"	25.0		81.8	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	10.8	5.00	"	25.0		43.3	10-117				
Benzyl butyl phthalate	14.9	5.00	"	25.0		59.5	29-133				
Bis(2-chloroethoxy)methane	21.2	5.00	"	25.0		84.7	10-154				
Bis(2-chloroethyl)ether	33.6	5.00	"	25.0		134	17-125	High Bias			
Bis(2-chloroisopropyl)ether	19.2	5.00	"	25.0		76.7	10-139				
Caprolactam	3.47	5.00	"	25.0		13.9	10-137				
Carbazole	17.9	5.00	"	25.0		71.7	42-126				
Dibenzofuran	17.9	5.00	"	25.0		71.5	36-113				
Diethyl phthalate	18.1	5.00	"	25.0		72.5	38-115				
Dimethyl phthalate	18.9	5.00	"	25.0		75.4	38-129				
Di-n-butyl phthalate	18.4	5.00	"	25.0		73.6	31-120				
Di-n-octyl phthalate	15.0	5.00	"	25.0		59.8	21-149				
Diphenylamine	21.5	5.00	"	25.0		86.0	40-140				
Hexachlorocyclopentadiene	12.9	10.0	"	25.0		51.5	10-130				
Isophorone	21.2	5.00	"	25.0		84.8	25-127				
N-nitroso-di-n-propylamine	18.6	5.00	"	25.0		74.4	26-122				
N-Nitrosodiphenylamine	21.4	5.00	"	25.0		85.4	23-149				
Phenol	6.19	5.00	"	25.0		24.8	10-110				
Pyridine	9.06	5.00	"	35.0		25.9	10-90				
Surrogate: SURR: 2-Fluorophenol	*15.2*		*"*	*50.0*		*30.4*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40622 - EPA 3510C											
LCS (BI40622-BS1)								Prepared & Analyzed: 09/11/2024			
Surrogate: SURR: Phenol-d6	*7.64*		*ug/L*	*50.0*		*15.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.3*		*"*	*25.0*		*81.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.3*		*"*	*25.0*		*69.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*62.7*		*"*	*50.0*		*125*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*19.3*		*"*	*25.0*		*77.3*	*30.7-106*				
LCS (BI40622-BS2)								Prepared & Analyzed: 09/11/2024			
Acenaphthene	0.460	0.0500	ug/L	1.00		46.0	25-116				
Acenaphthylene	0.490	0.0500	"	1.00		49.0	26-116				
Anthracene	0.490	0.0500	"	1.00		49.0	25-123				
Benzo(a)anthracene	0.470	0.0500	"	1.00		47.0	33-125				
Benzo(a)pyrene	0.470	0.0500	"	1.00		47.0	32-132				
Benzo(b)fluoranthene	0.440	0.0500	"	1.00		44.0	22-137				
Benzo(g,h,i)perylene	0.720	0.0500	"	1.00		72.0	10-138				
Benzo(k)fluoranthene	0.480	0.0500	"	1.00		48.0	20-137				
Bis(2-ethylhexyl)phthalate	0.740	0.500	"	1.00		74.0	10-189				
Chrysene	0.460	0.0500	"	1.00		46.0	32-124				
Dibenzo(a,h)anthracene	0.820	0.0500	"	1.00		82.0	16-133				
Fluoranthene	0.550	0.0500	"	1.00		55.0	32-121				
Fluorene	0.480	0.0500	"	1.00		48.0	28-118				
Hexachlorobenzene	0.0900	0.0200	"	1.00		9.00	23-124	Low Bias			
Hexachlorobutadiene	ND	0.500	"	1.00			15-123	Low Bias			
Hexachloroethane	ND	0.500	"	1.00			18-115	Low Bias			
Indeno(1,2,3-cd)pyrene	0.760	0.0500	"	1.00		76.0	15-135				
Naphthalene	0.430	0.0500	"	1.00		43.0	18-120				
Nitrobenzene	0.360	0.250	"	1.00		36.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.430	0.250	"	1.00		43.0	10-156				
Phenanthrene	0.510	0.0500	"	1.00		51.0	24-127				
Pyrene	0.420	0.0500	"	1.00		42.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40637 - EPA 3550C											
Blank (BI40637-BLK1)											
Prepared: 09/11/2024 Analyzed: 09/12/2024											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40637 - EPA 3550C											
Blank (BI40637-BLK1)											Prepared: 09/11/2024 Analyzed: 09/12/2024
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
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	*1.35*		"	*1.66*		*81.2*	*30-130*				
Surrogate: SURR: Phenol-d6	*1.33*		"	*1.66*		*80.1*	*30-130*				
Surrogate: SURR: Nitrobenzene-d5	*0.773*		"	*0.831*		*93.1*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.751*		"	*0.831*		*90.5*	*30-130*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.88*		"	*1.66*		*113*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*0.771*		"	*0.831*		*92.9*	*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40637 - EPA 3550C											
LCS (BI40637-BS1)								Prepared: 09/11/2024 Analyzed: 09/12/2024			
1,1-Biphenyl	0.413	0.0416	mg/kg wet	0.831		49.7	70-130	Low Bias		30	
1,2,4,5-Tetrachlorobenzene	0.455	0.0830	"	0.831		54.8	70-130	Low Bias		30	
1,2-Diphenylhydrazine (as Azobenzene)	0.462	0.0416	"	0.831		55.7	17-137			30	
2,3,4,6-Tetrachlorophenol	0.486	0.0830	"	0.831		58.6	70-130	Low Bias		30	
2,4,5-Trichlorophenol	0.539	0.0416	"	0.831		64.8	70-130	Low Bias		30	
2,4,6-Trichlorophenol	0.564	0.0416	"	0.831		68.0	70-130	Low Bias		30	
2,4-Dichlorophenol	0.587	0.0416	"	0.831		70.7	70-130			30	
2,4-Dimethylphenol	0.603	0.0416	"	0.831		72.6	70-130			30	
2,4-Dinitrophenol	0.400	0.0830	"	0.831		48.1	20-160			30	
2,4-Dinitrotoluene	0.556	0.0416	"	0.831		67.0	70-130	Low Bias		30	
2,6-Dinitrotoluene	0.570	0.0416	"	0.831		68.6	70-130	Low Bias		30	
2-Chloronaphthalene	0.452	0.0416	"	0.831		54.5	70-130	Low Bias		30	
2-Chlorophenol	0.496	0.0416	"	0.831		59.7	70-130	Low Bias		30	
2-Methylnaphthalene	0.516	0.0416	"	0.831		62.2	70-130	Low Bias		30	
2-Methylphenol	0.505	0.0416	"	0.831		60.8	70-130	Low Bias		30	
2-Nitroaniline	0.535	0.0830	"	0.831		64.4	70-130	Low Bias		30	
2-Nitrophenol	0.627	0.0416	"	0.831		75.4	70-130			30	
3- & 4-Methylphenols	0.391	0.0416	"	0.831		47.0	20-160			30	
3,3-Dichlorobenzidine	0.505	0.0416	"	0.831		60.8	70-130	Low Bias		30	
3-Nitroaniline	0.469	0.0830	"	0.831		56.4	70-130	Low Bias		30	
4,6-Dinitro-2-methylphenol	0.610	0.0830	"	0.831		73.4	70-130			30	
4-Bromophenyl phenyl ether	0.559	0.0416	"	0.831		67.3	70-130	Low Bias		30	
4-Chloro-3-methylphenol	0.560	0.0416	"	0.831		67.4	70-130	Low Bias		30	
4-Chloroaniline	0.427	0.0416	"	0.831		51.4	70-130	Low Bias		30	
4-Chlorophenyl phenyl ether	0.491	0.0416	"	0.831		59.2	70-130	Low Bias		30	
4-Nitroaniline	0.456	0.0830	"	0.831		54.9	70-130	Low Bias		30	
4-Nitrophenol	0.450	0.0830	"	0.831		54.2	20-160			30	
Acenaphthene	0.441	0.0416	"	0.831		53.0	70-130	Low Bias		30	
Acenaphthylene	0.423	0.0416	"	0.831		51.0	70-130	Low Bias		30	
Acetophenone	0.467	0.0416	"	0.831		56.2	70-130	Low Bias		30	
Aniline	0.457	0.166	"	0.831		55.0	10-119			30	
Anthracene	0.497	0.0416	"	0.831		59.9	70-130	Low Bias		30	
Atrazine	0.554	0.0416	"	0.831		66.7	70-130	Low Bias		30	
Benzaldehyde	0.465	0.0416	"	0.831		56.0	20-160			30	
Benzo(a)anthracene	0.489	0.0416	"	0.831		58.9	70-130	Low Bias		30	
Benzo(a)pyrene	0.489	0.0416	"	0.831		58.9	70-130	Low Bias		30	
Benzo(b)fluoranthene	0.469	0.0416	"	0.831		56.4	70-130	Low Bias		30	
Benzo(g,h,i)perylene	0.495	0.0416	"	0.831		59.6	70-130	Low Bias		30	
Benzo(k)fluoranthene	0.484	0.0416	"	0.831		58.3	70-130	Low Bias		30	
Benzoic acid	0.192	0.0416	"	0.831		23.1	10-140			30	
Benzyl alcohol	0.492	0.0416	"	0.831		59.2	30-115			30	
Benzyl butyl phthalate	0.435	0.0416	"	0.831		52.4	70-130	Low Bias		30	
Bis(2-chloroethoxy)methane	0.483	0.0416	"	0.831		58.1	70-130	Low Bias		30	
Bis(2-chloroethyl)ether	0.434	0.0416	"	0.831		52.3	70-130	Low Bias		30	
Bis(2-chloroisopropyl)ether	0.337	0.0416	"	0.831		40.6	70-130	Low Bias		30	
Bis(2-ethylhexyl)phthalate	0.430	0.0416	"	0.831		51.7	70-130	Low Bias		30	
Caprolactam	0.514	0.0830	"	0.831		61.9	20-160			30	
Carbazole	0.481	0.0416	"	0.831		57.9	70-130	Low Bias		30	
Chrysene	0.452	0.0416	"	0.831		54.4	70-130	Low Bias		30	
Dibenzo(a,h)anthracene	0.500	0.0416	"	0.831		60.2	70-130	Low Bias		30	
Dibenzofuran	0.441	0.0416	"	0.831		53.0	70-130	Low Bias		30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40637 - EPA 3550C											
LCS (BI40637-BS1)								Prepared: 09/11/2024 Analyzed: 09/12/2024			
Diethyl phthalate	0.425	0.0416	mg/kg wet	0.831		51.2	70-130	Low Bias		30	
Dimethyl phthalate	0.438	0.0416	"	0.831		52.7	70-130	Low Bias		30	
Di-n-butyl phthalate	0.482	0.0416	"	0.831		58.0	70-130	Low Bias		30	
Di-n-octyl phthalate	0.472	0.0416	"	0.831		56.8	70-130	Low Bias		30	
Diphenylamine	0.594	0.0830	"	0.831		71.5	40-140			30	
Fluoranthene	0.472	0.0416	"	0.831		56.8	70-130	Low Bias		30	
Fluorene	0.436	0.0416	"	0.831		52.5	70-130	Low Bias		30	
Hexachlorobenzene	0.535	0.0416	"	0.831		64.4	70-130	Low Bias		30	
Hexachlorobutadiene	0.574	0.0416	"	0.831		69.2	70-130	Low Bias		30	
Hexachlorocyclopentadiene	0.195	0.0416	"	0.831		23.4	20-160			30	
Hexachloroethane	0.509	0.0416	"	0.831		61.2	20-160			30	
Indeno(1,2,3-cd)pyrene	0.615	0.0416	"	0.831		74.1	70-130			30	
Isophorone	0.507	0.0416	"	0.831		61.0	70-130	Low Bias		30	
Naphthalene	0.501	0.0416	"	0.831		60.3	70-130	Low Bias		30	
Nitrobenzene	0.508	0.0416	"	0.831		61.2	70-130	Low Bias		30	
N-Nitrosodimethylamine	0.370	0.0416	"	0.831		44.5	11-129			30	
N-nitroso-di-n-propylamine	0.408	0.0416	"	0.831		49.2	70-130	Low Bias		30	
N-Nitrosodiphenylamine	0.539	0.0416	"	0.831		64.9	70-130	Low Bias		30	
Pentachlorophenol	0.402	0.0416	"	0.831		48.4	20-160			30	
Phenanthrene	0.480	0.0416	"	0.831		57.8	70-130	Low Bias		30	
Phenol	0.526	0.0416	"	0.831		63.4	20-160			30	
Pyrene	0.450	0.0416	"	0.831		54.2	70-130	Low Bias		30	
Pyridine	0.293	0.166	"	0.831		35.3	10-91			30	
Surrogate: SURR: 2-Fluorophenol	*1.03*		"	*1.66*		*61.8*	*30-130*				
Surrogate: SURR: Phenol-d6	*1.02*		"	*1.66*		*61.2*	*30-130*				
Surrogate: SURR: Nitrobenzene-d5	*0.576*		"	*0.831*		*69.4*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.537*		"	*0.831*		*64.6*	*30-130*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.29*		"	*1.66*		*77.8*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*0.541*		"	*0.831*		*65.2*	*30-130*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40668 - EPA 3050B											
Blank (BI40668-BLK1)											Prepared: 09/11/2024 Analyzed: 09/12/2024
Antimony	ND	1.74	mg/kg wet								
Arsenic	ND	1.04	"								
Beryllium	ND	0.035	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Nickel	ND	0.692	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Thallium	ND	1.74	"								
Zinc	ND	1.73	"								
Reference (BI40668-SRM1)											Prepared: 09/11/2024 Analyzed: 09/12/2024
Antimony	68.5	1.74	mg/kg wet	244		28.1	0-99.5				
Arsenic	256	1.04	"	283		90.4	69.9-101.4				
Beryllium	178	0.035	"	175		102	75.4-107.4				
Cadmium	86.7	0.208	"	95.8		90.5	72.3-103.7				
Chromium	226	0.348	"	239		94.4	72.4-106.3				
Copper	223	1.39	"	217		103	74.7-105.1				
Lead	197	0.348	"	210		94.0	75.7-109.5				
Nickel	323	0.692	"	329		98.1	74.5-106.7				
Selenium	280	1.74	"	281		99.6	77.6-116.7				
Silver	62.5	0.350	"	82.7		75.6	73.7-111.7				
Thallium	113	1.74	"	123		91.7	70.2-104.8				
Zinc	241	1.73	"	260		92.9	72.7-109.2				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40527 - EPA 3015A											
Blank (BI40527-BLK1)											Prepared: 09/10/2024 Analyzed: 09/11/2024
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Chromium	ND	1.11	"								
Copper	ND	1.11	"								
Lead	ND	1.11	"								
Nickel	ND	1.11	"								
Selenium	ND	1.11	"								
Silver	ND	1.11	"								
Thallium	ND	1.11	"								
Zinc	ND	1.11	"								
LCS (BI40527-BS1)											Prepared: 09/10/2024 Analyzed: 09/11/2024
Antimony	45.3		ug/L	50.0		90.5	80-120				
Arsenic	46.0		"	50.0		92.0	80-120				
Beryllium	47.8		"	50.0		95.6	80-120				
Cadmium	48.9		"	50.0		97.8	80-120				
Chromium	48.2		"	50.0		96.5	80-120				
Copper	48.2		"	50.0		96.5	80-120				
Lead	46.1		"	50.0		92.2	80-120				
Nickel	48.1		"	50.0		96.2	80-120				
Selenium	41.7		"	50.0		83.5	80-120				
Silver	48.7		"	50.0		97.4	80-120				
Thallium	48.8		"	50.0		97.5	80-120				
Zinc	51.3		"	50.0		103	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40524 - EPA SW846-7470A											
Blank (BI40524-BLK1)								Prepared & Analyzed: 09/10/2024			
Mercury	ND	0.0002	mg/L								
LCS (BI40524-BS1)								Prepared & Analyzed: 09/10/2024			
Mercury	0.0018920	0.0002	mg/L	0.00200		94.6	80-120				
Batch BI40656 - EPA 7473 soil											
Blank (BI40656-BLK1)								Prepared: 09/11/2024 Analyzed: 09/12/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BI40656-DUP1)	*Source sample: 24I0294-04 (SB-51 (10-13))							Prepared: 09/11/2024 Analyzed: 09/12/2024			
Mercury	ND	0.0316	mg/kg dry		ND					35	
Matrix Spike (BI40656-MS1)	*Source sample: 24I0294-04 (SB-51 (10-13))							Prepared: 09/11/2024 Analyzed: 09/12/2024			
Mercury	0.495		mg/kg	0.500	0.0158	95.8	75-125				
Reference (BI40656-SRM1)								Prepared: 09/11/2024 Analyzed: 09/12/2024			
Mercury	21.384		mg/kg	18.2		117	59.9-140.1				
Batch BI40657 - EPA 7473 soil											
Blank (BI40657-BLK1)								Prepared: 09/11/2024 Analyzed: 09/12/2024			
Mercury	ND	0.0300	mg/kg wet								
Reference (BI40657-SRM1)								Prepared: 09/11/2024 Analyzed: 09/12/2024			
Mercury	16.614		mg/kg	18.2		91.3	59.9-140.1				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I0294-01	SB-49 (27-30)	2 oz. WM Clear Glass Cool to 4° C
24I0294-02	SB-48 (28-31)	2 oz. WM Clear Glass Cool to 4° C
24I0294-03	SB-51 (2-4)	2 oz. WM Clear Glass Cool to 4° C
24I0294-04	SB-51 (10-13)	8 oz. WM Clear Glass Cool to 4° C
24I0294-07	RB_9.5.24	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24I0294

Page _____ of _____

Report To:	Invoice To:	YOUR Project Name / Number
Company: HRP Associates, Inc.	Company:	Remington Arms / HERSLO, P2
Address: 1 Fairchild Sq, Suite 110 Clifton Park NY 12065	Address:	PO Number
Phone: 518 877 7101	Phone:	
Contact: Elliott Jackson	Contact: Cassy George	
E-mail: elliott.jackson@hrpassociates.com	E-mail: cassy.george@hrpassociates.com	

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

Elliott Jackson

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 [ ]

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) NYSDEC Part 375 SCOs

Field Filtered [ ] Lab Filtered [ ]

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs	TCL SVOCs	PAHs	PP Metals	Grab or Comp. G/C
SB-49 (27-30)	9/5/24	1300	S	2										X	X		X	
SB-48 (28-31)	"	1245	S	2										X	X		X	
SB-51 (2-4)	"	1100	S	2										X	X		X	
SB-51 (10-13)	"	1105	S	2										X	X		X	
SB-20 (1-2.5)	"	900	S	1												X	X	
SB-21 (1-2.5)	"	930	S	1												X	X	
* RB_9.5.24	"	1545	GW	2	3		1							X	X		X	

Comments: Send copy to Ted.Walk@hrpassociates.com

* Rinsate blank; please report PAHs w/ SVOC 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]	9/6/24 1235	[signature]	9/6/24 1235	[signature]	9/6/24 1540
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
				Navaro	9/6/24 15:40 3.4° C

Technical Report

prepared for:

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

Report Date: 09/12/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I0221

Report Date: 09/12/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I0221

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 05, 2024 and listed below. The project was identified as your project: **Remington Arms/HER1510.P2**.

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
24I0221-01	SB-30 (4-6)	Soil	09/03/2024	09/05/2024
24I0221-02	SB-60 (3-6)	Soil	09/03/2024	09/05/2024
24I0221-03	SB-26 (5-6)	Soil	09/03/2024	09/05/2024
24I0221-04	RB_9.3.24	Water	09/03/2024	09/05/2024
24I0221-05	SB-61 (2-5)	Soil	09/04/2024	09/05/2024
24I0221-06	SB-27 (1-3)	Soil	09/04/2024	09/05/2024
24I0221-07	SB-29 (1-4)	Soil	09/04/2024	09/05/2024

General Notes for York Project (SDG) No.: 24I0221

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

Approved By: 

Date: 09/12/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB-30 (4-6) **York Sample ID:** 24I0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 10:30 am	09/05/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								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	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-30 (4-6) **York Sample ID:** 24I0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 10:30 am	09/05/2024

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

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	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0082**	J	mg/kg dry	0.0059	0.012	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0059	0.012	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-30 (4-6) **York Sample ID:** 24I0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 10:30 am	09/05/2024

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

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	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.019**		mg/kg dry	0.0059	0.012	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.0034**	J	mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-30 (4-6) **York Sample ID:** 24I0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 10:30 am	09/05/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	0.0029	0.0059	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C	09/11/2024 11:18	09/11/2024 12:26	SCB
								Certifications:	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*	*96.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0981	0.196	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0981	0.196	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0981	0.196	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-30 (4-6) **York Sample ID:** 24I0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 10:30 am	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0981	0.196	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0981	0.196	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0981	0.196	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0981	0.196	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0981	0.196	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.0580**	J	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	CCVE	mg/kg dry	0.196	0.393	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.103**	ICVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.196	0.393	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.347**	ICVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-30 (4-6) **York Sample ID:** 24I0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 10:30 am	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	**Benzo(a)pyrene**	**0.424**	ICVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.318**	ICVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.296**	ICVE, QL-02	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.317**	ICVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0981	0.196	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.368**	ICVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.150**	CCVE, ICVE, QL-02	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0981	0.196	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-30 (4-6) **York Sample ID:** 24I0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 10:30 am	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
206-44-0	**Fluoranthene**	**0.768**	ICVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.284**	ICVE, QL-02	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.341**	ICVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.506**	ICVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.196	0.393	2	EPA 8270D	09/10/2024 13:34	09/11/2024 12:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*82.1 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*71.5 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*92.9 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*95.7 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*119 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.7 %*		*24-116*

Sample Information

Client Sample ID: SB-30 (4-6) **York Sample ID:** 24I0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 10:30 am	09/05/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	0.0199	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:18	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.0 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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**	**2.10**		mg/kg dry	2.08	1	EPA 6010D	09/09/2024 14:43	09/10/2024 20:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**17.4**		mg/kg dry	1.25	1	EPA 6010D	09/09/2024 14:43	09/10/2024 20:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.649**		mg/kg dry	0.042	1	EPA 6010D	09/09/2024 14:43	09/10/2024 20:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.250	1	EPA 6010D	09/09/2024 14:43	09/10/2024 20:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**20.7**		mg/kg dry	0.417	1	EPA 6010D	09/09/2024 14:43	09/10/2024 20:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**53.4**		mg/kg dry	1.67	1	EPA 6010D	09/09/2024 14:43	09/10/2024 20:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**293**		mg/kg dry	0.417	1	EPA 6010D	09/09/2024 14:43	09/10/2024 20:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**23.7**		mg/kg dry	0.830	1	EPA 6010D	09/09/2024 14:43	09/10/2024 20:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-30 (4-6) **York Sample ID:** 24I0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 10:30 am	09/05/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7782-49-2	**Selenium**	**2.17**		mg/kg dry	2.08	1	EPA 6010D	09/09/2024 14:43	09/10/2024 20:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.420	1	EPA 6010D	09/09/2024 14:43	09/10/2024 20:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.08	1	EPA 6010D	09/09/2024 14:43	09/10/2024 20:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**99.9**		mg/kg dry	2.07	1	EPA 6010D	09/09/2024 14:43	09/10/2024 20:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.719**		mg/kg dry	0.0360	1	EPA 7473	09/10/2024 13:44	09/11/2024 15:40	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**83.4**		%	0.100	1	SM 2540G	09/09/2024 07:37	09/09/2024 14:38	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-60 (3-6)** **York Sample ID:** **24I0221-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:45 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								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	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0070**		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-60 (3-6) **York Sample ID:** 24I0221-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:45 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.048**	ICVE, QL-02	mg/kg dry	0.0061	0.012	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-60 (3-6) **York Sample ID:** 24I0221-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:45 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-60 (3-6) **York Sample ID:** 24I0221-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:45 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0031	0.0061	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*182 %*	S-08	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.101	0.203	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.203	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.101	0.203	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-60 (3-6) **York Sample ID:** 24I0221-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:45 pm	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.203	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.203	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.101	0.203	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.203	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.203	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	CCVE	mg/kg dry	0.203	0.406	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.203	0.406	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-60 (3-6) **York Sample ID:** 24I0221-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:45 pm	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.101	0.203	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.101	0.203	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-60 (3-6) **York Sample ID:** 24I0221-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:45 pm	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.203	0.406	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*36.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*37.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*94.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*52.4 %*	*24-116*

Sample Information

Client Sample ID: SB-60 (3-6) **York Sample ID:** 24I0221-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:45 pm	09/05/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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**	**14.0**		mg/kg dry	2.58	1	EPA 6010D	09/10/2024 14:42	09/11/2024 11:58	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**21.1**		mg/kg dry	1.55	1	EPA 6010D	09/10/2024 14:42	09/11/2024 11:58	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.422**		mg/kg dry	0.052	1	EPA 6010D	09/10/2024 14:42	09/11/2024 11:58	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.310	1	EPA 6010D	09/10/2024 14:42	09/11/2024 11:58	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.5**		mg/kg dry	0.517	1	EPA 6010D	09/10/2024 14:42	09/11/2024 11:58	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**81.3**		mg/kg dry	2.07	1	EPA 6010D	09/10/2024 14:42	09/11/2024 11:58	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**758**		mg/kg dry	0.517	1	EPA 6010D	09/10/2024 14:42	09/11/2024 11:58	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.4**		mg/kg dry	1.03	1	EPA 6010D	09/10/2024 14:42	09/11/2024 11:58	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.58	1	EPA 6010D	09/10/2024 14:42	09/11/2024 11:58	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.521	1	EPA 6010D	09/10/2024 14:42	09/11/2024 11:58	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.58	1	EPA 6010D	09/10/2024 14:42	09/11/2024 11:58	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**75.1**		mg/kg dry	2.57	1	EPA 6010D	09/10/2024 14:42	09/11/2024 11:58	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.397**		mg/kg dry	0.0372	1	EPA 7473	09/10/2024 13:44	09/11/2024 15:40	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**80.6**		%	0.100	1	SM 2540G	09/09/2024 07:37	09/09/2024 14:38	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-26 (5-6) **York Sample ID:** 24I0221-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:00 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								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	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.096	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-26 (5-6) **York Sample ID:** 24I0221-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:00 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.015**	ICVE, QL-02	mg/kg dry	0.0048	0.0096	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0048	0.0096	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-26 (5-6) **York Sample ID:** 24I0221-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:00 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-26 (5-6) **York Sample ID:** 24I0221-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:00 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0024	0.0048	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	09/10/2024 10:18	09/10/2024 12:52	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0900	0.180	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-26 (5-6) **York Sample ID:** 24I0221-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:00 pm	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	CCVE	mg/kg dry	0.180	0.360	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-26 (5-6) **York Sample ID:** 24I0221-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:00 pm	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0900	0.180	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-26 (5-6) **York Sample ID:** 24I0221-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:00 pm	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.180	0.360	2	EPA 8270D	09/10/2024 13:34	09/11/2024 18:38	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*89.6 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*77.6 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.3 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*87.8 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*126 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*100 %*		*24-116*

Sample Information

Client Sample ID: SB-26 (5-6) **York Sample ID:** 24I0221-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 3, 2024 12:00 pm	09/05/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	2.29	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:00	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.02**		mg/kg dry	1.38	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:00	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.253**		mg/kg dry	0.046	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:00	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.660**		mg/kg dry	0.275	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:00	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.7**		mg/kg dry	0.459	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:00	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**36.9**		mg/kg dry	1.84	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:00	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**23.9**		mg/kg dry	0.459	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:00	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**27.3**		mg/kg dry	0.914	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:00	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:00	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.462	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:00	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.29	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:00	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**69.7**		mg/kg dry	2.28	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:00	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.0447**		mg/kg dry	0.0330	1	EPA 7473	09/10/2024 13:44	09/11/2024 15:40	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**90.8**		%	0.100	1	SM 2540G	09/09/2024 07:37	09/09/2024 14:38	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: RB_9.3.24 **York Sample ID:** 24I0221-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Water	September 3, 2024 3:30 pm	09/05/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_9.3.24 **York Sample ID:** 24I0221-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Water	September 3, 2024 3:30 pm	09/05/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.320	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.71**		ug/L	0.245	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**20.9**		ug/L	0.243	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: RB_9.3.24 **York Sample ID:** 24I0221-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Water	September 3, 2024 3:30 pm	09/05/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_9.3.24 **York Sample ID:** 24I0221-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Water	September 3, 2024 3:30 pm	09/05/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/10/2024 08:00	09/10/2024 22:22	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*79-122*

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.3.24 **York Sample ID:** 24I0221-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Water	September 3, 2024 3:30 pm	09/05/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.3.24 **York Sample ID:** 24I0221-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Water	September 3, 2024 3:30 pm	09/05/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	ug/L	5.00	10.0	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/09/2024 08:25	09/10/2024 15:20	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*38.8 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*22.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*92.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*88.3 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*125 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*95.4 %*	*30.7-106*

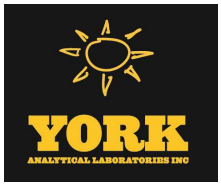
SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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



Sample Information

Client Sample ID: RB_9.3.24 **York Sample ID:** 24I0221-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Water	September 3, 2024 3:30 pm	09/05/2024

83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND	ICVE, QL-02	ug/L	0.0200	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	CAL-E, ICVE	ug/L	0.250	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/09/2024 08:25	09/10/2024 17:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.3.24 **York Sample ID:** 24I0221-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Water	September 3, 2024 3:30 pm	09/05/2024

PCB, 8082 MASTER

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	09/10/2024 07:56	09/11/2024 05:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	09/10/2024 07:56	09/11/2024 05:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	09/10/2024 07:56	09/11/2024 05:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	09/10/2024 07:56	09/11/2024 05:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	09/10/2024 07:56	09/11/2024 05:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	09/10/2024 07:56	09/11/2024 05:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	09/10/2024 07:56	09/11/2024 05:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	09/10/2024 07:56	09/11/2024 05:51	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*29.0 %*	S-08, S-GC	*30-120*

Metals, Priority Pollutant-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 12:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 12:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/10/2024 08:35	09/11/2024 12:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/10/2024 08:35	09/11/2024 12:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.26**		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 12:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**1.20**		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 12:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 12:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 12:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_9.3.24 **York Sample ID:** 24I0221-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Water	September 3, 2024 3:30 pm	09/05/2024

Metals, Priority Pollutant-Low Level

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
7782-49-2	**Selenium**	**2.28**		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 12:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 12:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 12:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**13.2**		ug/L	1.11	1	EPA 6020B	09/10/2024 08:35	09/11/2024 12:57	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/10/2024 08:34	09/10/2024 08:34	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **SB-61 (2-5)** **York Sample ID:** **24I0221-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 2:00 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								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	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-61 (2-5) **York Sample ID:** 24I0221-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 2:00 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.027**	ICVE, QL-02	mg/kg dry	0.0058	0.012	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-61 (2-5) **York Sample ID:** 24I0221-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 2:00 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-61 (2-5) **York Sample ID:** 24I0221-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 2:00 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0029	0.0058	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:18	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0945	0.189	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0945	0.189	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0945	0.189	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-61 (2-5) **York Sample ID:** 24I0221-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 2:00 pm	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0945	0.189	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0945	0.189	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0945	0.189	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0945	0.189	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0945	0.189	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.558**	ICVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	CCVE	mg/kg dry	0.189	0.378	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.727**	ICVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.189	0.378	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**2.05**	ICVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-61 (2-5) **York Sample ID:** 24I0221-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 2:00 pm	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	**Benzo(a)pyrene**	**1.81**	ICVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**1.68**	ICVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**1.17**	ICVE, QL-02	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**1.40**	ICVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0945	0.189	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.250**	ICVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**1.47**	ICVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.552**	CCVE, ICVE, QL-02	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.183**	ICVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0945	0.189	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-61 (2-5) **York Sample ID:** 24I0221-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 2:00 pm	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
206-44-0	**Fluoranthene**	**5.19**	ICVE	mg/kg dry	0.237	0.472	10	EPA 8270D	09/10/2024 13:34	09/11/2024 19:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.165**	ICVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.23**	ICVE, QL-02	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0589**	J	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**3.80**	ICVE	mg/kg dry	0.237	0.472	10	EPA 8270D	09/10/2024 13:34	09/11/2024 19:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0473	0.0945	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**3.69**	ICVE	mg/kg dry	0.237	0.472	10	EPA 8270D	09/10/2024 13:34	09/11/2024 19:09	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.189	0.378	2	EPA 8270D	09/10/2024 13:34	09/11/2024 13:31	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.3 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.4 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.2 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.5 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*8.04 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.2 %*		*24-116*

Sample Information

Client Sample ID: SB-61 (2-5) **York Sample ID:** 24I0221-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 2:00 pm	09/05/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	2.41	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.89**		mg/kg dry	1.44	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.049	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.289	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**21.0**		mg/kg dry	0.482	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**10.1**		mg/kg dry	1.93	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**10.7**		mg/kg dry	0.482	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**7.35**		mg/kg dry	0.959	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.41	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.485	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.41	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**38.0**		mg/kg dry	2.40	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.0811**		mg/kg dry	0.0347	1	EPA 7473	09/10/2024 13:44	09/11/2024 15:40	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**86.6**		%	0.100	1	SM 2540G	09/09/2024 07:37	09/09/2024 14:38	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-27 (1-3) **York Sample ID:** 24I0221-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 12:45 pm	09/05/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	0.0184	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	09/09/2024 13:24	09/10/2024 15:31	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.5 %*	*30-120*

Total Solids

Log-in Notes: VOA-CONT **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**	**90.3**		%	0.100	1	SM 2540G	09/09/2024 07:37	09/09/2024 14:38	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-29 (1-4) **York Sample ID:** 24I0221-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 10:50 am	09/05/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								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	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-29 (1-4) **York Sample ID:** 24I0221-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 10:50 am	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-29 (1-4) **York Sample ID:** 24I0221-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 10:50 am	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-29 (1-4) **York Sample ID:** 24I0221-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 10:50 am	09/05/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0027	0.0054	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	09/10/2024 10:18	09/10/2024 13:45	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0883	0.176	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-29 (1-4) **York Sample ID:** 24I0221-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 10:50 am	09/05/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.0685**	J	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.0452**	J	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	CCVE	mg/kg dry	0.177	0.354	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.234**	ICVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.529**	ICVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-29 (1-4) **York Sample ID:** 24I0221-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 10:50 am	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	**Benzo(a)pyrene**	**0.474**	ICVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.388**	ICVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.306**	ICVE, QL-02	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.369**	ICVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0883	0.176	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.103**	ICVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.501**	ICVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.148**	CCVE, ICVE, QL-02	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-29 (1-4) **York Sample ID:** 24I0221-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 10:50 am	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
206-44-0	**Fluoranthene**	**1.14**	ICVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0812**	J	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.291**	ICVE, QL-02	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	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 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.924**	ICVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.965**	ICVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.177	0.354	2	EPA 8270D	09/10/2024 13:34	09/11/2024 14:01	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*51.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.4 %*	*24-116*

Sample Information

Client Sample ID: SB-29 (1-4) **York Sample ID:** 24I0221-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 10:50 am	09/05/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	09/09/2024 13:24	09/10/2024 16:53	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	09/09/2024 13:24	09/10/2024 16:53	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	09/09/2024 13:24	09/10/2024 16:53	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	09/09/2024 13:24	09/10/2024 16:53	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	09/09/2024 13:24	09/10/2024 16:53	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	09/09/2024 13:24	09/10/2024 16:53	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	09/09/2024 13:24	09/10/2024 16:53	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	09/09/2024 13:24	09/10/2024 16:53	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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**	**4.18**		mg/kg dry	2.25	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**10.0**		mg/kg dry	1.35	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.045	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.16**		mg/kg dry	0.270	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.03**		mg/kg dry	0.451	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**644**		mg/kg dry	1.80	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**1140**		mg/kg dry	0.451	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**23.3**		mg/kg dry	0.897	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-29 (1-4) **York Sample ID:** 24I0221-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0221	Remington Arms/HER1510.P2	Soil	September 4, 2024 10:50 am	09/05/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**0.605**		mg/kg dry	0.454	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.25	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**1140**		mg/kg dry	2.24	1	EPA 6010D	09/10/2024 14:42	09/11/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.649**		mg/kg dry	0.0324	1	EPA 7473	09/10/2024 13:41	09/11/2024 15:48	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**92.6**		%	0.100	1	SM 2540G	09/09/2024 07:37	09/09/2024 14:38	PMB
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BI40411 **Preparation Method:** % Solids Prep **Prepared By:** TCD

YORK Sample ID	Client Sample ID	Preparation Date
24I0221-01	SB-30 (4-6)	09/09/24
24I0221-02	SB-60 (3-6)	09/09/24
24I0221-03	SB-26 (5-6)	09/09/24
24I0221-05	SB-61 (2-5)	09/09/24
24I0221-06	SB-27 (1-3)	09/09/24
24I0221-07	SB-29 (1-4)	09/09/24

Batch ID: BI40424 **Preparation Method:** EPA 3510C **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
24I0221-04	RB_9.3.24	09/09/24
BI40424-BLK1	Blank	09/09/24
BI40424-BLK2	Blank	09/09/24
BI40424-BS1	LCS	09/09/24
BI40424-BS2	LCS	09/09/24
BI40424-BSD1	LCS Dup	09/09/24

Batch ID: BI40458 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I0221-01	SB-30 (4-6)	09/09/24
24I0221-06	SB-27 (1-3)	09/09/24
24I0221-07	SB-29 (1-4)	09/09/24
BI40458-BLK2	Blank	09/09/24
BI40458-BS2	LCS	09/09/24

Batch ID: BI40465 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I0221-01	SB-30 (4-6)	09/09/24
BI40465-BLK1	Blank	09/09/24
BI40465-SRM1	Reference	09/09/24

Batch ID: BI40510 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I0221-04	RB_9.3.24	09/10/24
BI40510-BLK2	Blank	09/10/24
BI40510-BS2	LCS	09/10/24

Batch ID: BI40524 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24I0221-04	RB_9.3.24	09/10/24
BI40524-BLK1	Blank	09/10/24
BI40524-BS1	LCS	09/10/24

Batch ID: BI40527 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24I0221-04	RB_9.3.24	09/10/24
BI40527-BLK1	Blank	09/10/24
BI40527-BS1	LCS	09/10/24

Batch ID: BI40535 **Preparation Method:** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
24I0221-02	SB-60 (3-6)	09/10/24
24I0221-03	SB-26 (5-6)	09/10/24
24I0221-05	SB-61 (2-5)	09/10/24
24I0221-07	SB-29 (1-4)	09/10/24
BI40535-BLK1	Blank	09/10/24
BI40535-BS1	LCS	09/10/24
BI40535-BSD1	LCS Dup	09/10/24

Batch ID: BI40553 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24I0221-01	SB-30 (4-6)	09/10/24
24I0221-02	SB-60 (3-6)	09/10/24
24I0221-03	SB-26 (5-6)	09/10/24
24I0221-05	SB-61 (2-5)	09/10/24
24I0221-05RE1	SB-61 (2-5)	09/10/24
24I0221-07	SB-29 (1-4)	09/10/24
BI40553-BLK1	Blank	09/10/24
BI40553-BS1	LCS	09/10/24

Batch ID: BI40558 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0221-07	SB-29 (1-4)	09/10/24
BI40558-BLK1	Blank	09/10/24
BI40558-DUP1	Duplicate	09/10/24
BI40558-MS1	Matrix Spike	09/10/24
BI40558-SRM1	Reference	09/10/24

Batch ID: BI40559 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date

24I0221-01	SB-30 (4-6)	09/10/24
24I0221-02	SB-60 (3-6)	09/10/24
24I0221-03	SB-26 (5-6)	09/10/24
24I0221-05	SB-61 (2-5)	09/10/24
BI40559-BLK1	Blank	09/10/24
BI40559-SRM1	Reference	09/10/24

Batch ID: BI40564 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I0221-02	SB-60 (3-6)	09/10/24
24I0221-03	SB-26 (5-6)	09/10/24
24I0221-05	SB-61 (2-5)	09/10/24
24I0221-07	SB-29 (1-4)	09/10/24
BI40564-BLK1	Blank	09/10/24
BI40564-SRM1	Reference	09/10/24

Batch ID: BI40586 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24I0221-04	RB_9.3.24	09/10/24
BI40586-BLK1	Blank	09/10/24
BI40586-BS1	LCS	09/10/24
BI40586-BSD1	LCS Dup	09/10/24

Batch ID: BI40643 **Preparation Method:** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
24I0221-01	SB-30 (4-6)	09/11/24
BI40643-BLK1	Blank	09/11/24
BI40643-BS1	LCS	09/11/24
BI40643-BSD1	LCS Dup	09/11/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40535 - EPA 5035A											
Blank (BI40535-BLK1)											Prepared & Analyzed: 09/10/2024
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40535 - EPA 5035A											
Blank (BI40535-BLK1)								Prepared & Analyzed: 09/10/2024			
n-Butylbenzene	ND	0.0050	mg/kg wet								
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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*ug/L*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*76-130*				
LCS (BI40535-BS1)								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	37.7		ug/L	50.0		75.4	75-129				
1,1,1-Trichloroethane	47.9		"	50.0		95.8	71-137				
1,1,2,2-Tetrachloroethane	52.8		"	50.0		106	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	62.6		"	50.0		125	58-146				
1,1,2-Trichloroethane	50.1		"	50.0		100	83-123				
1,1-Dichloroethane	51.9		"	50.0		104	75-130				
1,1-Dichloroethylene	58.3		"	50.0		117	64-137				
1,2,3-Trichlorobenzene	45.1		"	50.0		90.3	81-140				
1,2,3-Trichloropropane	46.4		"	50.0		92.9	81-126				
1,2,4-Trichlorobenzene	49.0		"	50.0		98.0	80-141				
1,2,4-Trimethylbenzene	48.5		"	50.0		97.1	84-125				
1,2-Dibromo-3-chloropropane	43.2		"	50.0		86.5	74-142				
1,2-Dibromoethane	49.9		"	50.0		99.8	86-123				
1,2-Dichlorobenzene	47.1		"	50.0		94.2	85-122				
1,2-Dichloroethane	56.7		"	50.0		113	71-133				
1,2-Dichloropropane	50.3		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	48.4		"	50.0		96.9	82-126				
1,3-Dichlorobenzene	47.3		"	50.0		94.7	84-124				
1,4-Dichlorobenzene	45.8		"	50.0		91.7	84-124				
1,4-Dioxane	1180		"	1050		112	10-228				
2-Butanone	55.2		"	50.0		110	58-147				
2-Hexanone	48.3		"	50.0		96.6	70-139				
4-Methyl-2-pentanone	50.0		"	50.0		100	72-132				
Acetone	123		"	50.0		245	36-155	High Bias			
Acrolein	11.4		"	50.0		22.7	10-238				
Acrylonitrile	56.5		"	50.0		113	66-141				
Benzene	56.5		"	50.0		113	77-127				
Bromochloromethane	56.5		"	50.0		113	74-129				
Bromodichloromethane	48.7		"	50.0		97.5	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40535 - EPA 5035A											
LCS (BI40535-BS1)								Prepared & Analyzed: 09/10/2024			
Bromoform	38.0		ug/L	50.0		76.0	80-136	Low Bias			
Bromomethane	99.6		"	50.0		199	32-177	High Bias			
Carbon disulfide	57.1		"	50.0		114	10-136				
Carbon tetrachloride	41.2		"	50.0		82.4	66-143				
Chlorobenzene	49.7		"	50.0		99.5	86-120				
Chloroethane	93.7		"	50.0		187	51-142	High Bias			
Chloroform	53.3		"	50.0		107	76-131				
Chloromethane	45.6		"	50.0		91.2	49-132				
cis-1,2-Dichloroethylene	52.5		"	50.0		105	74-132				
cis-1,3-Dichloropropylene	47.7		"	50.0		95.4	81-129				
Cyclohexane	53.3		"	50.0		107	70-130				
Dibromochloromethane	42.5		"	50.0		85.0	10-200				
Dibromomethane	50.6		"	50.0		101	83-124				
Dichlorodifluoromethane	28.3		"	50.0		56.6	28-158				
Ethyl Benzene	53.9		"	50.0		108	84-125				
Hexachlorobutadiene	39.2		"	50.0		78.3	83-133	Low Bias			
Isopropylbenzene	48.1		"	50.0		96.1	81-127				
Methyl acetate	46.4		"	50.0		92.9	41-143				
Methyl tert-butyl ether (MTBE)	49.4		"	50.0		98.9	74-131				
Methylcyclohexane	46.7		"	50.0		93.4	70-130				
Methylene chloride	55.1		"	50.0		110	57-141				
n-Butylbenzene	52.5		"	50.0		105	80-130				
n-Propylbenzene	50.5		"	50.0		101	74-136				
o-Xylene	50.9		"	50.0		102	83-123				
p- & m- Xylenes	112		"	100		112	82-128				
p-Isopropyltoluene	50.2		"	50.0		100	85-125				
sec-Butylbenzene	48.6		"	50.0		97.3	83-125				
Styrene	51.1		"	50.0		102	86-126				
tert-Butyl alcohol (TBA)	193		"	250		77.3	70-130				
tert-Butylbenzene	45.0		"	50.0		90.0	80-127				
Tetrachloroethylene	36.5		"	50.0		73.0	80-129	Low Bias			
Toluene	51.9		"	50.0		104	85-121				
trans-1,2-Dichloroethylene	53.9		"	50.0		108	72-132				
trans-1,3-Dichloropropylene	46.3		"	50.0		92.6	78-132				
Trichloroethylene	47.5		"	50.0		95.1	84-123				
Trichlorofluoromethane	90.1		"	50.0		180	62-140	High Bias			
Vinyl Chloride	72.2		"	50.0		144	52-130	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40535 - EPA 5035A											
LCS Dup (BI40535-BSD1)								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	40.7		ug/L	50.0		81.4	75-129		7.63	30	
1,1,1-Trichloroethane	51.9		"	50.0		104	71-137		8.09	30	
1,1,2,2-Tetrachloroethane	55.8		"	50.0		112	79-129		5.50	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	64.8		"	50.0		130	58-146		3.60	30	
1,1,2-Trichloroethane	52.5		"	50.0		105	83-123		4.66	30	
1,1-Dichloroethane	56.6		"	50.0		113	75-130		8.70	30	
1,1-Dichloroethylene	62.9		"	50.0		126	64-137		7.53	30	
1,2,3-Trichlorobenzene	48.9		"	50.0		97.8	81-140		7.96	30	
1,2,3-Trichloropropane	49.8		"	50.0		99.5	81-126		6.90	30	
1,2,4-Trichlorobenzene	52.6		"	50.0		105	80-141		7.09	30	
1,2,4-Trimethylbenzene	52.2		"	50.0		104	84-125		7.38	30	
1,2-Dibromo-3-chloropropane	46.3		"	50.0		92.6	74-142		6.85	30	
1,2-Dibromoethane	52.6		"	50.0		105	86-123		5.29	30	
1,2-Dichlorobenzene	50.3		"	50.0		101	85-122		6.61	30	
1,2-Dichloroethane	59.9		"	50.0		120	71-133		5.39	30	
1,2-Dichloropropane	53.4		"	50.0		107	81-122		6.00	30	
1,3,5-Trimethylbenzene	52.0		"	50.0		104	82-126		7.11	30	
1,3-Dichlorobenzene	50.4		"	50.0		101	84-124		6.24	30	
1,4-Dichlorobenzene	49.1		"	50.0		98.1	84-124		6.78	30	
1,4-Dioxane	1080		"	1050		103	10-228		8.62	30	
2-Butanone	53.1		"	50.0		106	58-147		3.82	30	
2-Hexanone	50.0		"	50.0		100	70-139		3.50	30	
4-Methyl-2-pentanone	53.3		"	50.0		107	72-132		6.41	30	
Acetone	133		"	50.0		266	36-155	High Bias	7.94	30	
Acrolein	11.8		"	50.0		23.6	10-238		3.80	30	
Acrylonitrile	58.7		"	50.0		117	66-141		3.80	30	
Benzene	60.7		"	50.0		121	77-127		7.15	30	
Bromochloromethane	61.1		"	50.0		122	74-129		7.75	30	
Bromodichloromethane	52.3		"	50.0		105	81-124		7.05	30	
Bromoform	41.1		"	50.0		82.1	80-136		7.82	30	
Bromomethane	101		"	50.0		202	32-177	High Bias	1.35	30	
Carbon disulfide	61.9		"	50.0		124	10-136		8.06	30	
Carbon tetrachloride	45.2		"	50.0		90.5	66-143		9.30	30	
Chlorobenzene	52.7		"	50.0		105	86-120		5.86	30	
Chloroethane	92.7		"	50.0		185	51-142	High Bias	1.12	30	
Chloroform	57.2		"	50.0		114	76-131		6.98	30	
Chloromethane	50.3		"	50.0		101	49-132		9.80	30	
cis-1,2-Dichloroethylene	56.2		"	50.0		112	74-132		6.94	30	
cis-1,3-Dichloropropylene	51.2		"	50.0		102	81-129		6.96	30	
Cyclohexane	57.4		"	50.0		115	70-130		7.49	30	
Dibromochloromethane	45.3		"	50.0		90.6	10-200		6.42	30	
Dibromomethane	53.6		"	50.0		107	83-124		5.75	30	
Dichlorodifluoromethane	31.5		"	50.0		63.0	28-158		10.7	30	
Ethyl Benzene	57.5		"	50.0		115	84-125		6.50	30	
Hexachlorobutadiene	42.1		"	50.0		84.1	83-133		7.14	30	
Isopropylbenzene	51.2		"	50.0		102	81-127		6.36	30	
Methyl acetate	50.1		"	50.0		100	41-143		7.62	30	
Methyl tert-butyl ether (MTBE)	54.3		"	50.0		109	74-131		9.35	30	
Methylcyclohexane	49.9		"	50.0		99.8	70-130		6.61	30	
Methylene chloride	58.7		"	50.0		117	57-141		6.40	30	
n-Butylbenzene	56.5		"	50.0		113	80-130		7.29	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40535 - EPA 5035A											
LCS Dup (BI40535-BSD1)								Prepared & Analyzed: 09/10/2024			
n-Propylbenzene	54.2		ug/L	50.0		108	74-136		7.12	30	
o-Xylene	54.2		"	50.0		108	83-123		6.31	30	
p- & m- Xylenes	120		"	100		120	82-128		6.60	30	
p-Isopropyltoluene	54.3		"	50.0		109	85-125		7.92	30	
sec-Butylbenzene	52.1		"	50.0		104	83-125		6.89	30	
Styrene	54.6		"	50.0		109	86-126		6.49	30	
tert-Butyl alcohol (TBA)	216		"	250		86.3	70-130		10.9	30	
tert-Butylbenzene	48.1		"	50.0		96.2	80-127		6.62	30	
Tetrachloroethylene	38.6		"	50.0		77.2	80-129	Low Bias	5.51	30	
Toluene	55.0		"	50.0		110	85-121		5.82	30	
trans-1,2-Dichloroethylene	58.5		"	50.0		117	72-132		8.29	30	
trans-1,3-Dichloropropylene	49.6		"	50.0		99.3	78-132		6.96	30	
Trichloroethylene	50.4		"	50.0		101	84-123		5.82	30	
Trichlorofluoromethane	93.5		"	50.0		187	62-140	High Bias	3.65	30	
Vinyl Chloride	76.0		"	50.0		152	52-130	High Bias	5.07	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.6*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*96.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.1*	*76-130*				
Batch BI40586 - EPA 5030B											
Blank (BI40586-BLK1)								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40586 - EPA 5030B											
Blank (BI40586-BLK1)									Prepared & Analyzed: 09/10/2024		
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.23*		*"*	*10.0*		*92.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40586 - EPA 5030B											
LCS (BI40586-BS1)								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	11.0		"	10.0		110	78-136				
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.99		"	10.0		99.9	54-165				
1,1,2-Trichloroethane	10.9		"	10.0		109	82-123				
1,1-Dichloroethane	10.8		"	10.0		108	82-129				
1,1-Dichloroethylene	11.3		"	10.0		113	68-138				
1,2,3-Trichlorobenzene	13.3		"	10.0		133	76-136				
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128				
1,2,4-Trichlorobenzene	11.6		"	10.0		116	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147				
1,2-Dibromoethane	11.2		"	10.0		112	83-124				
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123				
1,2-Dichloroethane	11.5		"	10.0		115	73-132				
1,2-Dichloropropane	10.7		"	10.0		107	78-126				
1,3,5-Trimethylbenzene	10.0		"	10.0		100	80-131				
1,3-Dichlorobenzene	9.83		"	10.0		98.3	86-122				
1,4-Dichlorobenzene	9.81		"	10.0		98.1	85-124				
1,4-Dioxane	252		"	210		120	10-349				
2-Butanone	10.5		"	10.0		105	49-152				
2-Hexanone	9.75		"	10.0		97.5	51-146				
4-Methyl-2-pentanone	12.3		"	10.0		123	57-145				
Acetone	28.1		"	10.0		281	14-150	High Bias			
Acrolein	1.86		"	10.0		18.6	10-153				
Acrylonitrile	11.8		"	10.0		118	51-150				
Benzene	11.4		"	10.0		114	85-126				
Bromochloromethane	11.2		"	10.0		112	77-128				
Bromodichloromethane	10.6		"	10.0		106	79-128				
Bromoform	10.2		"	10.0		102	78-133				
Bromomethane	9.97		"	10.0		99.7	43-168				
Carbon disulfide	11.2		"	10.0		112	68-146				
Carbon tetrachloride	11.0		"	10.0		110	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	9.67		"	10.0		96.7	65-136				
Chloroform	11.1		"	10.0		111	82-128				
Chloromethane	8.24		"	10.0		82.4	43-155				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131				
Cyclohexane	11.0		"	10.0		110	63-149				
Dibromochloromethane	11.1		"	10.0		111	80-130				
Dibromomethane	10.8		"	10.0		108	72-134				
Dichlorodifluoromethane	6.36		"	10.0		63.6	44-144				
Ethyl Benzene	10.4		"	10.0		104	80-131				
Hexachlorobutadiene	10.8		"	10.0		108	67-146				
Isopropylbenzene	9.81		"	10.0		98.1	76-140				
Methyl acetate	12.3		"	10.0		123	51-139				
Methyl tert-butyl ether (MTBE)	12.2		"	10.0		122	76-135				
Methylcyclohexane	10.4		"	10.0		104	72-143				
Methylene chloride	11.1		"	10.0		111	55-137				
n-Butylbenzene	10.0		"	10.0		100	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40586 - EPA 5030B											
LCS (BI40586-BS1)								Prepared & Analyzed: 09/10/2024			
n-Propylbenzene	9.73		ug/L	10.0		97.3	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	20.5		"	20.0		102	77-133				
p-Isopropyltoluene	10.1		"	10.0		101	81-136				
sec-Butylbenzene	9.97		"	10.0		99.7	79-137				
Styrene	10.7		"	10.0		107	67-132				
tert-Butyl alcohol (TBA)	74.2		"	50.0		148	25-162				
tert-Butylbenzene	9.78		"	10.0		97.8	77-138				
Tetrachloroethylene	4.63		"	10.0		46.3	82-131	Low Bias			
Toluene	10.4		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	11.2		"	10.0		112	80-132				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	78-131				
Trichloroethylene	10.4		"	10.0		104	82-128				
Trichlorofluoromethane	10.0		"	10.0		100	67-139				
Vinyl Chloride	9.05		"	10.0		90.5	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.31*		*"*	*10.0*		*93.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.98*		*"*	*10.0*		*99.8*	*79-122*				
LCS Dup (BI40586-BSD1)								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		1.67	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136		1.28	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		3.89	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.88		"	10.0		98.8	54-165		1.11	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		3.45	30	
1,1-Dichloroethane	10.7		"	10.0		107	82-129		0.745	30	
1,1-Dichloroethylene	11.3		"	10.0		113	68-138		0.0886	30	
1,2,3-Trichlorobenzene	12.2		"	10.0		122	76-136		8.61	30	
1,2,3-Trichloropropane	9.68		"	10.0		96.8	77-128		7.36	30	
1,2,4-Trichlorobenzene	11.0		"	10.0		110	76-137		5.48	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		1.17	30	
1,2-Dibromo-3-chloropropane	9.01		"	10.0		90.1	45-147		15.7	30	
1,2-Dibromoethane	10.6		"	10.0		106	83-124		5.77	30	
1,2-Dichlorobenzene	9.92		"	10.0		99.2	79-123		3.08	30	
1,2-Dichloroethane	11.1		"	10.0		111	73-132		3.46	30	
1,2-Dichloropropane	10.4		"	10.0		104	78-126		2.74	30	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131		0.596	30	
1,3-Dichlorobenzene	9.78		"	10.0		97.8	86-122		0.510	30	
1,4-Dichlorobenzene	9.56		"	10.0		95.6	85-124		2.58	30	
1,4-Dioxane	204		"	210		97.1	10-349		21.1	30	
2-Butanone	10.0		"	10.0		100	49-152		4.68	30	
2-Hexanone	8.88		"	10.0		88.8	51-146		9.34	30	
4-Methyl-2-pentanone	11.0		"	10.0		110	57-145		10.9	30	
Acetone	25.8		"	10.0		258	14-150	High Bias	8.58	30	
Acrolein	1.51		"	10.0		15.1	10-153		20.8	30	
Acrylonitrile	11.5		"	10.0		115	51-150		2.83	30	
Benzene	11.3		"	10.0		113	85-126		0.615	30	
Bromochloromethane	10.9		"	10.0		109	77-128		3.17	30	
Bromodichloromethane	10.2		"	10.0		102	79-128		3.45	30	
Bromoform	9.50		"	10.0		95.0	78-133		6.91	30	
Bromomethane	10.2		"	10.0		102	43-168		2.18	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40586 - EPA 5030B											
LCS Dup (BI40586-BSD1)								Prepared & Analyzed: 09/10/2024			
Carbon disulfide	11.2		ug/L	10.0		112	68-146		0.357	30	
Carbon tetrachloride	11.0		"	10.0		110	77-141		0.182	30	
Chlorobenzene	10.1		"	10.0		101	88-120		3.12	30	
Chloroethane	9.49		"	10.0		94.9	65-136		1.88	30	
Chloroform	11.0		"	10.0		110	82-128		1.54	30	
Chloromethane	8.03		"	10.0		80.3	43-155		2.58	30	
cis-1,2-Dichloroethylene	11.1		"	10.0		111	83-129		0.0902	30	
cis-1,3-Dichloropropylene	9.89		"	10.0		98.9	80-131		4.06	30	
Cyclohexane	11.2		"	10.0		112	63-149		1.44	30	
Dibromochloromethane	10.4		"	10.0		104	80-130		7.26	30	
Dibromomethane	10.4		"	10.0		104	72-134		3.97	30	
Dichlorodifluoromethane	6.20		"	10.0		62.0	44-144		2.55	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		1.45	30	
Hexachlorobutadiene	10.9		"	10.0		109	67-146		0.738	30	
Isopropylbenzene	9.97		"	10.0		99.7	76-140		1.62	30	
Methyl acetate	12.0		"	10.0		120	51-139		2.64	30	
Methyl tert-butyl ether (MTBE)	11.5		"	10.0		115	76-135		6.16	30	
Methylcyclohexane	10.2		"	10.0		102	72-143		2.23	30	
Methylene chloride	10.8		"	10.0		108	55-137		2.65	30	
n-Butylbenzene	10.1		"	10.0		101	79-132		0.994	30	
n-Propylbenzene	9.85		"	10.0		98.5	78-133		1.23	30	
o-Xylene	10.2		"	10.0		102	78-130		2.33	30	
p- & m- Xylenes	20.1		"	20.0		101	77-133		1.68	30	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		0.983	30	
sec-Butylbenzene	10.1		"	10.0		101	79-137		1.20	30	
Styrene	10.5		"	10.0		105	67-132		2.55	30	
tert-Butyl alcohol (TBA)	65.9		"	50.0		132	25-162		11.8	30	
tert-Butylbenzene	9.86		"	10.0		98.6	77-138		0.815	30	
Tetrachloroethylene	4.79		"	10.0		47.9	82-131	Low Bias	3.40	30	
Toluene	10.2		"	10.0		102	80-127		1.65	30	
trans-1,2-Dichloroethylene	11.1		"	10.0		111	80-132		1.61	30	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131		5.24	30	
Trichloroethylene	10.2		"	10.0		102	82-128		2.62	30	
Trichlorofluoromethane	9.91		"	10.0		99.1	67-139		1.10	30	
Vinyl Chloride	9.07		"	10.0		90.7	58-145		0.221	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.84*		*"*	*10.0*		*98.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.37*		*"*	*10.0*		*93.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40643 - EPA 5035A											
Blank (BI40643-BLK1)									Prepared & Analyzed: 09/11/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

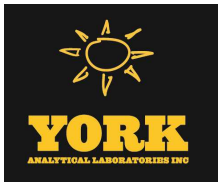
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40643 - EPA 5035A											
Blank (BI40643-BLK1)								Prepared & Analyzed: 09/11/2024			
n-Propylbenzene	ND	0.0050	mg/kg wet								
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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*55.0*		*ug/L*	*50.0*		*110*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.0*		*"*	*50.0*		*93.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				
LCS (BI40643-BS1)								Prepared & Analyzed: 09/11/2024			
1,1,1,2-Tetrachloroethane	48.3		ug/L	50.0		96.6	75-129				
1,1,1-Trichloroethane	52.7		"	50.0		105	71-137				
1,1,2,2-Tetrachloroethane	45.7		"	50.0		91.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.1		"	50.0		98.2	58-146				
1,1,2-Trichloroethane	46.7		"	50.0		93.3	83-123				
1,1-Dichloroethane	49.3		"	50.0		98.7	75-130				
1,1-Dichloroethylene	54.0		"	50.0		108	64-137				
1,2,3-Trichlorobenzene	45.8		"	50.0		91.6	81-140				
1,2,3-Trichloropropane	46.9		"	50.0		93.9	81-126				
1,2,4-Trichlorobenzene	45.3		"	50.0		90.6	80-141				
1,2,4-Trimethylbenzene	46.0		"	50.0		92.0	84-125				
1,2-Dibromo-3-chloropropane	47.0		"	50.0		94.0	74-142				
1,2-Dibromoethane	48.3		"	50.0		96.6	86-123				
1,2-Dichlorobenzene	46.0		"	50.0		91.9	85-122				
1,2-Dichloroethane	55.5		"	50.0		111	71-133				
1,2-Dichloropropane	45.9		"	50.0		91.9	81-122				
1,3,5-Trimethylbenzene	45.7		"	50.0		91.5	82-126				
1,3-Dichlorobenzene	44.8		"	50.0		89.5	84-124				
1,4-Dichlorobenzene	44.4		"	50.0		88.9	84-124				
1,4-Dioxane	977		"	1050		93.1	10-228				
2-Butanone	47.5		"	50.0		94.9	58-147				
2-Hexanone	46.6		"	50.0		93.2	70-139				
4-Methyl-2-pentanone	49.0		"	50.0		97.9	72-132				
Acetone	114		"	50.0		228	36-155	High Bias			
Acrolein	8.00		"	50.0		16.0	10-238				
Acrylonitrile	53.0		"	50.0		106	66-141				
Benzene	51.8		"	50.0		104	77-127				
Bromochloromethane	51.1		"	50.0		102	74-129				
Bromodichloromethane	48.6		"	50.0		97.2	81-124				
Bromoform	51.4		"	50.0		103	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40643 - EPA 5035A											
LCS (BI40643-BS1)							Prepared & Analyzed: 09/11/2024				
Bromomethane	49.4		ug/L	50.0		98.7	32-177				
Carbon disulfide	53.8		"	50.0		108	10-136				
Carbon tetrachloride	53.8		"	50.0		108	66-143				
Chlorobenzene	47.5		"	50.0		95.0	86-120				
Chloroethane	48.7		"	50.0		97.5	51-142				
Chloroform	52.5		"	50.0		105	76-131				
Chloromethane	45.9		"	50.0		91.8	49-132				
cis-1,2-Dichloroethylene	52.4		"	50.0		105	74-132				
cis-1,3-Dichloropropylene	45.9		"	50.0		91.8	81-129				
Cyclohexane	46.2		"	50.0		92.5	70-130				
Dibromochloromethane	50.2		"	50.0		100	10-200				
Dibromomethane	47.4		"	50.0		94.8	83-124				
Dichlorodifluoromethane	44.9		"	50.0		89.8	28-158				
Ethyl Benzene	48.3		"	50.0		96.6	84-125				
Hexachlorobutadiene	43.4		"	50.0		86.9	83-133				
Isopropylbenzene	45.3		"	50.0		90.7	81-127				
Methyl acetate	45.2		"	50.0		90.4	41-143				
Methyl tert-butyl ether (MTBE)	52.2		"	50.0		104	74-131				
Methylcyclohexane	42.5		"	50.0		85.0	70-130				
Methylene chloride	53.1		"	50.0		106	57-141				
n-Butylbenzene	44.4		"	50.0		88.8	80-130				
n-Propylbenzene	45.0		"	50.0		89.9	74-136				
o-Xylene	48.4		"	50.0		96.9	83-123				
p- & m- Xylenes	96.8		"	100		96.8	82-128				
p-Isopropyltoluene	45.8		"	50.0		91.6	85-125				
sec-Butylbenzene	45.0		"	50.0		89.9	83-125				
Styrene	48.2		"	50.0		96.5	86-126				
tert-Butyl alcohol (TBA)	286		"	250		114	70-130				
tert-Butylbenzene	45.3		"	50.0		90.6	80-127				
Tetrachloroethylene	43.4		"	50.0		86.9	80-129				
Toluene	47.3		"	50.0		94.7	85-121				
trans-1,2-Dichloroethylene	51.1		"	50.0		102	72-132				
trans-1,3-Dichloropropylene	47.5		"	50.0		95.0	78-132				
Trichloroethylene	47.3		"	50.0		94.7	84-123				
Trichlorofluoromethane	53.2		"	50.0		106	62-140				
Vinyl Chloride	47.0		"	50.0		93.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.1*		*"*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.1*		*"*	*50.0*		*94.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.7*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40643 - EPA 5035A											
LCS Dup (BI40643-BSD1)								Prepared & Analyzed: 09/11/2024			
1,1,1,2-Tetrachloroethane	46.3		ug/L	50.0		92.5	75-129		4.29	30	
1,1,1-Trichloroethane	51.1		"	50.0		102	71-137		2.93	30	
1,1,2,2-Tetrachloroethane	43.0		"	50.0		85.9	79-129		6.25	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.8		"	50.0		97.7	58-146		0.572	30	
1,1,2-Trichloroethane	45.3		"	50.0		90.6	83-123		2.98	30	
1,1-Dichloroethane	48.3		"	50.0		96.6	75-130		2.13	30	
1,1-Dichloroethylene	51.9		"	50.0		104	64-137		3.91	30	
1,2,3-Trichlorobenzene	43.3		"	50.0		86.7	81-140		5.59	30	
1,2,3-Trichloropropane	44.1		"	50.0		88.2	81-126		6.26	30	
1,2,4-Trichlorobenzene	43.4		"	50.0		86.8	80-141		4.33	30	
1,2,4-Trimethylbenzene	44.0		"	50.0		88.1	84-125		4.31	30	
1,2-Dibromo-3-chloropropane	42.9		"	50.0		85.7	74-142		9.19	30	
1,2-Dibromoethane	45.6		"	50.0		91.1	86-123		5.86	30	
1,2-Dichlorobenzene	42.8		"	50.0		85.7	85-122		6.98	30	
1,2-Dichloroethane	53.9		"	50.0		108	71-133		2.83	30	
1,2-Dichloropropane	44.2		"	50.0		88.3	81-122		3.93	30	
1,3,5-Trimethylbenzene	43.5		"	50.0		87.0	82-126		5.02	30	
1,3-Dichlorobenzene	42.1		"	50.0		84.2	84-124		6.12	30	
1,4-Dichlorobenzene	41.6		"	50.0		83.1	84-124	Low Bias	6.65	30	
1,4-Dioxane	930		"	1050		88.6	10-228		4.94	30	
2-Butanone	44.1		"	50.0		88.3	58-147		7.27	30	
2-Hexanone	43.6		"	50.0		87.3	70-139		6.58	30	
4-Methyl-2-pentanone	45.1		"	50.0		90.3	72-132		8.16	30	
Acetone	109		"	50.0		218	36-155	High Bias	4.54	30	
Acrolein	7.84		"	50.0		15.7	10-238		2.02	30	
Acrylonitrile	51.2		"	50.0		102	66-141		3.36	30	
Benzene	49.8		"	50.0		99.5	77-127		3.90	30	
Bromochloromethane	49.0		"	50.0		98.1	74-129		4.15	30	
Bromodichloromethane	46.4		"	50.0		92.7	81-124		4.78	30	
Bromoform	48.5		"	50.0		97.1	80-136		5.84	30	
Bromomethane	49.0		"	50.0		98.0	32-177		0.753	30	
Carbon disulfide	52.4		"	50.0		105	10-136		2.64	30	
Carbon tetrachloride	52.2		"	50.0		104	66-143		3.17	30	
Chlorobenzene	45.8		"	50.0		91.5	86-120		3.73	30	
Chloroethane	47.3		"	50.0		94.5	51-142		3.06	30	
Chloroform	49.6		"	50.0		99.2	76-131		5.60	30	
Chloromethane	44.0		"	50.0		88.1	49-132		4.16	30	
cis-1,2-Dichloroethylene	49.4		"	50.0		98.8	74-132		5.78	30	
cis-1,3-Dichloropropylene	44.0		"	50.0		88.1	81-129		4.14	30	
Cyclohexane	44.5		"	50.0		88.9	70-130		3.95	30	
Dibromochloromethane	47.6		"	50.0		95.2	10-200		5.24	30	
Dibromomethane	45.1		"	50.0		90.3	83-124		4.95	30	
Dichlorodifluoromethane	42.6		"	50.0		85.2	28-158		5.28	30	
Ethyl Benzene	46.3		"	50.0		92.6	84-125		4.25	30	
Hexachlorobutadiene	40.2		"	50.0		80.5	83-133	Low Bias	7.67	30	
Isopropylbenzene	44.0		"	50.0		88.1	81-127		2.91	30	
Methyl acetate	42.5		"	50.0		85.0	41-143		6.18	30	
Methyl tert-butyl ether (MTBE)	50.0		"	50.0		100	74-131		4.26	30	
Methylcyclohexane	40.6		"	50.0		81.2	70-130		4.48	30	
Methylene chloride	50.8		"	50.0		102	57-141		4.39	30	
n-Butylbenzene	41.8		"	50.0		83.5	80-130		6.15	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40643 - EPA 5035A											
LCS Dup (BI40643-BSD1)								Prepared & Analyzed: 09/11/2024			
n-Propylbenzene	42.4		ug/L	50.0		84.8	74-136		5.91	30	
o-Xylene	46.2		"	50.0		92.4	83-123		4.75	30	
p- & m- Xylenes	91.2		"	100		91.2	82-128		6.00	30	
p-Isopropyltoluene	43.2		"	50.0		86.4	85-125		5.84	30	
sec-Butylbenzene	42.1		"	50.0		84.2	83-125		6.54	30	
Styrene	46.4		"	50.0		92.9	86-126		3.80	30	
tert-Butyl alcohol (TBA)	270		"	250		108	70-130		5.68	30	
tert-Butylbenzene	43.1		"	50.0		86.2	80-127		4.98	30	
Tetrachloroethylene	41.3		"	50.0		82.5	80-129		5.12	30	
Toluene	45.5		"	50.0		91.1	85-121		3.88	30	
trans-1,2-Dichloroethylene	49.4		"	50.0		98.7	72-132		3.42	30	
trans-1,3-Dichloropropylene	45.2		"	50.0		90.5	78-132		4.92	30	
Trichloroethylene	44.9		"	50.0		89.9	84-123		5.20	30	
Trichlorofluoromethane	51.1		"	50.0		102	62-140		4.06	30	
Vinyl Chloride	45.5		"	50.0		91.0	52-130		3.18	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*55.0*		*"*	*50.0*		*110*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.2*		*"*	*50.0*		*94.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.6*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40424 - EPA 3510C											
Blank (BI40424-BLK1)											
Prepared: 09/09/2024 Analyzed: 09/10/2024											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40424 - EPA 3510C											
Blank (BI40424-BLK1)											Prepared: 09/09/2024 Analyzed: 09/10/2024
Surrogate: SURR: 2-Fluorophenol	*15.6*		*ug/L*	*50.0*		*31.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.04*		*"*	*50.0*		*14.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.4*		*"*	*25.0*		*77.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.1*		*"*	*25.0*		*60.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*53.7*		*"*	*50.0*		*107*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.2*		*"*	*25.0*		*72.8*	*30.7-106*				
Blank (BI40424-BLK2)											Prepared: 09/09/2024 Analyzed: 09/10/2024
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40424 - EPA 3510C											
LCS (BI40424-BS1)								Prepared: 09/09/2024 Analyzed: 09/10/2024			
1,1-Biphenyl	19.6	5.00	ug/L	25.0		78.4	33-95				
1,2,4,5-Tetrachlorobenzene	21.2	5.00	"	25.0		84.7	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	20.0	5.00	"	25.0		79.8	16-141				
2,3,4,6-Tetrachlorophenol	20.0	5.00	"	25.0		80.1	30-130				
2,4,5-Trichlorophenol	19.5	5.00	"	25.0		77.9	32-114				
2,4,6-Trichlorophenol	22.3	5.00	"	25.0		89.1	35-118				
2,4-Dichlorophenol	20.9	5.00	"	25.0		83.4	25-116				
2,4-Dimethylphenol	20.2	5.00	"	25.0		80.6	15-116				
2,4-Dinitrophenol	30.7	5.00	"	25.0		123	10-170				
2,4-Dinitrotoluene	26.2	5.00	"	25.0		105	41-128				
2,6-Dinitrotoluene	25.5	5.00	"	25.0		102	45-116				
2-Chloronaphthalene	18.9	5.00	"	25.0		75.6	33-112				
2-Chlorophenol	18.1	5.00	"	25.0		72.5	15-120				
2-Methylnaphthalene	18.0	5.00	"	25.0		72.1	24-118				
2-Methylphenol	15.3	5.00	"	25.0		61.0	10-110				
2-Nitroaniline	22.2	5.00	"	25.0		88.8	34-129				
2-Nitrophenol	26.3	5.00	"	25.0		105	28-118				
3- & 4-Methylphenols	13.1	5.00	"	25.0		52.2	10-107				
3,3-Dichlorobenzidine	17.9	5.00	"	25.0		71.6	15-187				
3-Nitroaniline	14.9	5.00	"	25.0		59.4	24-134				
4,6-Dinitro-2-methylphenol	39.2	5.00	"	25.0		157	10-153	High Bias			
4-Bromophenyl phenyl ether	24.7	5.00	"	25.0		98.8	34-120				
4-Chloro-3-methylphenol	20.8	5.00	"	25.0		83.0	20-120				
4-Chloroaniline	12.8	5.00	"	25.0		51.1	10-147				
4-Chlorophenyl phenyl ether	21.2	5.00	"	25.0		84.9	27-121				
4-Nitroaniline	16.8	5.00	"	25.0		67.2	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	21.1	5.00	"	25.0		84.5	25-110				
Aniline	21.0	5.00	"	25.0		83.8	10-117				
Benzaldehyde	22.4	5.00	"	25.0		89.7	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	11.9	5.00	"	25.0		47.8	10-117				
Benzyl butyl phthalate	15.5	5.00	"	25.0		62.0	29-133				
Bis(2-chloroethoxy)methane	22.7	5.00	"	25.0		90.8	10-154				
Bis(2-chloroethyl)ether	30.2	5.00	"	25.0		121	17-125				
Bis(2-chloroisopropyl)ether	21.9	5.00	"	25.0		87.7	10-139				
Caprolactam	3.67	5.00	"	25.0		14.7	10-137				
Carbazole	18.8	5.00	"	25.0		75.2	42-126				
Dibenzofuran	19.2	5.00	"	25.0		76.8	36-113				
Diethyl phthalate	19.1	5.00	"	25.0		76.4	38-115				
Dimethyl phthalate	19.7	5.00	"	25.0		78.9	38-129				
Di-n-butyl phthalate	19.5	5.00	"	25.0		78.0	31-120				
Di-n-octyl phthalate	15.9	5.00	"	25.0		63.4	21-149				
Diphenylamine	23.2	5.00	"	25.0		92.6	40-140				
Hexachlorocyclopentadiene	16.4	10.0	"	25.0		65.7	10-130				
Isophorone	22.8	5.00	"	25.0		91.3	25-127				
N-nitroso-di-n-propylamine	20.2	5.00	"	25.0		80.6	26-122				
N-Nitrosodiphenylamine	22.7	5.00	"	25.0		91.0	23-149				
Phenol	7.76	5.00	"	25.0		31.0	10-110				
Pyridine	2.96	5.00	"	35.0		8.46	10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*19.6*		*"*	*50.0*		*39.1*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40424 - EPA 3510C											
LCS (BI40424-BS1)								Prepared: 09/09/2024 Analyzed: 09/10/2024			
Surrogate: SURR: Phenol-d6	*10.9*		*ug/L*	*50.0*		*21.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*22.4*		*"*	*25.0*		*89.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.7*		*"*	*25.0*		*74.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*66.3*		*"*	*50.0*		*133*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*19.8*		*"*	*25.0*		*79.3*	*30.7-106*				
LCS (BI40424-BS2)								Prepared: 09/09/2024 Analyzed: 09/10/2024			
Acenaphthene	0.580	0.0500	ug/L	1.00		58.0	25-116				
Acenaphthylene	0.640	0.0500	"	1.00		64.0	26-116				
Anthracene	0.620	0.0500	"	1.00		62.0	25-123				
Benzo(a)anthracene	0.580	0.0500	"	1.00		58.0	33-125				
Benzo(a)pyrene	0.580	0.0500	"	1.00		58.0	32-132				
Benzo(b)fluoranthene	0.540	0.0500	"	1.00		54.0	22-137				
Benzo(g,h,i)perylene	0.900	0.0500	"	1.00		90.0	10-138				
Benzo(k)fluoranthene	0.560	0.0500	"	1.00		56.0	20-137				
Bis(2-ethylhexyl)phthalate	0.620	0.500	"	1.00		62.0	10-189				
Chrysene	0.570	0.0500	"	1.00		57.0	32-124				
Dibenzo(a,h)anthracene	0.990	0.0500	"	1.00		99.0	16-133				
Fluoranthene	0.670	0.0500	"	1.00		67.0	32-121				
Fluorene	0.620	0.0500	"	1.00		62.0	28-118				
Hexachlorobenzene	0.0900	0.0200	"	1.00		9.00	23-124	Low Bias			
Hexachlorobutadiene	0.640	0.500	"	1.00		64.0	15-123				
Hexachloroethane	0.680	0.500	"	1.00		68.0	18-115				
Indeno(1,2,3-cd)pyrene	0.940	0.0500	"	1.00		94.0	15-135				
Naphthalene	0.610	0.0500	"	1.00		61.0	18-120				
Nitrobenzene	0.460	0.250	"	1.00		46.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.840	0.250	"	1.00		84.0	10-156				
Phenanthrene	0.610	0.0500	"	1.00		61.0	24-127				
Pyrene	0.470	0.0500	"	1.00		47.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40424 - EPA 3510C											
LCS Dup (BI40424-BSD1)								Prepared: 09/09/2024 Analyzed: 09/10/2024			
1,1-Biphenyl	23.5	5.00	ug/L	25.0		94.0	33-95		18.1	20	
1,2,4,5-Tetrachlorobenzene	25.8	5.00	"	25.0		103	26-120		19.6	20	
1,2-Diphenylhydrazine (as Azobenzene)	23.0	5.00	"	25.0		92.0	16-141		14.2	20	
2,3,4,6-Tetrachlorophenol	23.3	5.00	"	25.0		93.3	30-130		15.2	20	
2,4,5-Trichlorophenol	22.7	5.00	"	25.0		90.8	32-114		15.3	20	
2,4,6-Trichlorophenol	26.0	5.00	"	25.0		104	35-118		15.3	20	
2,4-Dichlorophenol	25.2	5.00	"	25.0		101	25-116		18.8	20	
2,4-Dimethylphenol	22.7	5.00	"	25.0		90.8	15-116		11.9	20	
2,4-Dinitrophenol	41.4	5.00	"	25.0		166	10-170		29.8	20	Non-dir.
2,4-Dinitrotoluene	30.8	5.00	"	25.0		123	41-128		16.3	20	
2,6-Dinitrotoluene	29.3	5.00	"	25.0		117	45-116	High Bias	14.0	20	
2-Chloronaphthalene	23.1	5.00	"	25.0		92.2	33-112		19.8	20	
2-Chlorophenol	21.1	5.00	"	25.0		84.4	15-120		15.2	20	
2-Methylnaphthalene	21.8	5.00	"	25.0		87.0	24-118		18.7	20	
2-Methylphenol	17.6	5.00	"	25.0		70.6	10-110		14.5	20	
2-Nitroaniline	25.8	5.00	"	25.0		103	34-129		14.8	20	
2-Nitrophenol	30.4	5.00	"	25.0		121	28-118	High Bias	14.4	20	
3- & 4-Methylphenols	15.0	5.00	"	25.0		59.8	10-107		13.6	20	
3,3-Dichlorobenzidine	19.9	5.00	"	25.0		79.7	15-187		10.8	20	
3-Nitroaniline	15.4	5.00	"	25.0		61.4	24-134		3.24	20	
4,6-Dinitro-2-methylphenol	46.9	5.00	"	25.0		188	10-153	High Bias	17.9	20	
4-Bromophenyl phenyl ether	28.6	5.00	"	25.0		115	34-120		14.7	20	
4-Chloro-3-methylphenol	24.1	5.00	"	25.0		96.5	20-120		15.0	20	
4-Chloroaniline	13.4	5.00	"	25.0		53.6	10-147		4.74	20	
4-Chlorophenyl phenyl ether	25.0	5.00	"	25.0		99.8	27-121		16.2	20	
4-Nitroaniline	18.9	5.00	"	25.0		75.7	13-134		11.9	20	
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias		20	
Acetophenone	25.0	5.00	"	25.0		99.8	25-110		16.6	20	
Aniline	25.1	5.00	"	25.0		100	10-117		17.9	20	
Benzaldehyde	26.8	5.00	"	25.0		107	29-117		17.7	20	
Benzoic acid	3.66	5.00	"	25.0		14.6	30-130	Low Bias	42.4	20	Non-dir.
Benzyl alcohol	13.5	5.00	"	25.0		53.8	10-117		12.0	20	
Benzyl butyl phthalate	17.9	5.00	"	25.0		71.8	29-133		14.7	20	
Bis(2-chloroethoxy)methane	26.3	5.00	"	25.0		105	10-154		14.8	20	
Bis(2-chloroethyl)ether	36.2	5.00	"	25.0		145	17-125	High Bias	17.9	20	
Bis(2-chloroisopropyl)ether	25.4	5.00	"	25.0		102	10-139		14.7	20	
Caprolactam	4.13	5.00	"	25.0		16.5	10-137		11.8	20	
Carbazole	22.0	5.00	"	25.0		88.0	42-126		15.8	20	
Dibenzofuran	22.6	5.00	"	25.0		90.3	36-113		16.1	20	
Diethyl phthalate	22.1	5.00	"	25.0		88.3	38-115		14.4	20	
Dimethyl phthalate	22.8	5.00	"	25.0		91.1	38-129		14.3	20	
Di-n-butyl phthalate	22.4	5.00	"	25.0		89.4	31-120		13.6	20	
Di-n-octyl phthalate	18.4	5.00	"	25.0		73.5	21-149		14.7	20	
Diphenylamine	26.9	5.00	"	25.0		107	40-140		14.8	20	
Hexachlorocyclopentadiene	21.1	10.0	"	25.0		84.5	10-130		25.0	20	Non-dir.
Isophorone	26.6	5.00	"	25.0		106	25-127		15.3	20	
N-nitroso-di-n-propylamine	23.6	5.00	"	25.0		94.5	26-122		15.9	20	
N-Nitrosodiphenylamine	26.7	5.00	"	25.0		107	23-149		16.1	20	
Phenol	8.84	5.00	"	25.0		35.4	10-110		13.0	20	
Pyridine	4.59	5.00	"	35.0		13.1	10-90		43.2	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*22.3*		*"*	*50.0*		*44.7*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40424 - EPA 3510C											
LCS Dup (BI40424-BSD1)											Prepared: 09/09/2024 Analyzed: 09/10/2024
Surrogate: SURR: Phenol-d6	*12.2*		*ug/L*	*50.0*		*24.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*25.9*		*"*	*25.0*		*104*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*21.3*		*"*	*25.0*		*85.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*76.3*		*"*	*50.0*		*153*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*22.7*		*"*	*25.0*		*90.6*	*30.7-106*				
Batch BI40553 - EPA 3550C											
Blank (BI40553-BLK1)											Prepared: 09/10/2024 Analyzed: 09/11/2024
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40553 - EPA 3550C											
Blank (BI40553-BLK1)											
Prepared: 09/10/2024 Analyzed: 09/11/2024											
Benzyl butyl phthalate	ND	0.0416	mg/kg wet								
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	"								
Caprolactam	ND	0.0830	"								
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	"								
Diphenylamine	ND	0.0830	"								
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	*1.34*		"	*1.66*		*80.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.17*		"	*1.66*		*70.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.630*		"	*0.831*		*75.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.679*		"	*0.831*		*81.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.05*		"	*1.66*		*123*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.725*		"	*0.831*		*87.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40553 - EPA 3550C											
LCS (BI40553-BS1)								Prepared: 09/10/2024 Analyzed: 09/11/2024			
1,1-Biphenyl	0.926	0.0416	mg/kg wet	0.831		111	18-111				
1,2,4,5-Tetrachlorobenzene	1.03	0.0830	"	0.831		124	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.697	0.0416	"	0.831		83.9	17-137				
2,3,4,6-Tetrachlorophenol	1.10	0.0830	"	0.831		132	30-130	High Bias			
2,4,5-Trichlorophenol	1.13	0.0416	"	0.831		136	27-118	High Bias			
2,4,6-Trichlorophenol	1.10	0.0416	"	0.831		133	31-120	High Bias			
2,4-Dichlorophenol	1.09	0.0416	"	0.831		131	20-127	High Bias			
2,4-Dimethylphenol	0.825	0.0416	"	0.831		99.3	14-132				
2,4-Dinitrophenol	0.890	0.0830	"	0.831		107	10-171				
2,4-Dinitrotoluene	1.06	0.0416	"	0.831		127	34-131				
2,6-Dinitrotoluene	1.05	0.0416	"	0.831		126	31-128				
2-Chloronaphthalene	0.913	0.0416	"	0.831		110	31-117				
2-Chlorophenol	0.845	0.0416	"	0.831		102	33-113				
2-Methylnaphthalene	0.944	0.0416	"	0.831		114	12-138				
2-Methylphenol	0.771	0.0416	"	0.831		92.8	10-136				
2-Nitroaniline	0.943	0.0830	"	0.831		114	27-132				
2-Nitrophenol	1.00	0.0416	"	0.831		120	17-129				
3- & 4-Methylphenols	0.683	0.0416	"	0.831		82.2	29-103				
3,3-Dichlorobenzidine	0.781	0.0416	"	0.831		94.0	22-149				
3-Nitroaniline	0.823	0.0830	"	0.831		99.1	20-133				
4,6-Dinitro-2-methylphenol	1.28	0.0830	"	0.831		154	10-143	High Bias			
4-Bromophenyl phenyl ether	1.04	0.0416	"	0.831		125	29-120	High Bias			
4-Chloro-3-methylphenol	0.949	0.0416	"	0.831		114	24-129				
4-Chloroaniline	0.635	0.0416	"	0.831		76.4	10-132				
4-Chlorophenyl phenyl ether	1.02	0.0416	"	0.831		123	27-124				
4-Nitroaniline	0.843	0.0830	"	0.831		101	16-128				
4-Nitrophenol	0.833	0.0830	"	0.831		100	10-141				
Acenaphthene	0.834	0.0416	"	0.831		100	30-121				
Acenaphthylene	0.826	0.0416	"	0.831		99.5	30-115				
Acetophenone	0.747	0.0416	"	0.831		90.0	20-112				
Aniline	0.405	0.166	"	0.831		48.8	10-119				
Anthracene	0.883	0.0416	"	0.831		106	34-118				
Atrazine	0.960	0.0416	"	0.831		116	26-112	High Bias			
Benzaldehyde	0.396	0.0416	"	0.831		47.7	21-100				
Benzo(a)anthracene	0.909	0.0416	"	0.831		109	32-122				
Benzo(a)pyrene	1.06	0.0416	"	0.831		128	29-133				
Benzo(b)fluoranthene	0.952	0.0416	"	0.831		115	25-133				
Benzo(g,h,i)perylene	1.34	0.0416	"	0.831		161	10-143	High Bias			
Benzo(k)fluoranthene	0.955	0.0416	"	0.831		115	25-128				
Benzoic acid	0.672	0.0416	"	0.831		81.0	10-140				
Benzyl alcohol	0.708	0.0416	"	0.831		85.3	30-115				
Benzyl butyl phthalate	0.671	0.0416	"	0.831		80.8	26-126				
Bis(2-chloroethoxy)methane	0.757	0.0416	"	0.831		91.2	19-132				
Bis(2-chloroethyl)ether	0.635	0.0416	"	0.831		76.4	19-125				
Bis(2-chloroisopropyl)ether	0.510	0.0416	"	0.831		61.4	20-135				
Bis(2-ethylhexyl)phthalate	0.640	0.0416	"	0.831		77.1	10-155				
Caprolactam	1.14	0.0830	"	0.831		137	10-127	High Bias			
Carbazole	0.873	0.0416	"	0.831		105	35-123				
Chrysene	0.897	0.0416	"	0.831		108	32-123				
Dibenzo(a,h)anthracene	1.57	0.0416	"	0.831		189	10-136	High Bias			
Dibenzofuran	0.934	0.0416	"	0.831		112	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40553 - EPA 3550C											
LCS (BI40553-BS1)								Prepared: 09/10/2024 Analyzed: 09/11/2024			
Diethyl phthalate	0.962	0.0416	mg/kg wet	0.831		116	34-116				
Dimethyl phthalate	0.970	0.0416	"	0.831		117	35-124				
Di-n-butyl phthalate	0.843	0.0416	"	0.831		102	31-116				
Di-n-octyl phthalate	0.641	0.0416	"	0.831		77.2	26-136				
Diphenylamine	0.999	0.0830	"	0.831		120	40-140				
Fluoranthene	0.960	0.0416	"	0.831		116	33-122				
Fluorene	0.916	0.0416	"	0.831		110	29-123				
Hexachlorobenzene	0.862	0.0416	"	0.831		104	21-124				
Hexachlorobutadiene	1.18	0.0416	"	0.831		142	10-149				
Hexachlorocyclopentadiene	0.746	0.0416	"	0.831		89.8	10-129				
Hexachloroethane	0.818	0.0416	"	0.831		98.4	28-108				
Indeno(1,2,3-cd)pyrene	1.42	0.0416	"	0.831		171	10-135	High Bias			
Isophorone	0.788	0.0416	"	0.831		94.9	20-132				
Naphthalene	0.864	0.0416	"	0.831		104	23-124				
Nitrobenzene	0.817	0.0416	"	0.831		98.4	13-132				
N-Nitrosodimethylamine	0.544	0.0416	"	0.831		65.5	11-129				
N-nitroso-di-n-propylamine	0.656	0.0416	"	0.831		79.0	24-119				
N-Nitrosodiphenylamine	1.02	0.0416	"	0.831		122	22-152				
Pentachlorophenol	1.09	0.0416	"	0.831		132	10-139				
Phenanthrene	0.908	0.0416	"	0.831		109	33-123				
Phenol	0.723	0.0416	"	0.831		87.1	23-115				
Pyrene	0.801	0.0416	"	0.831		96.4	24-130				
Pyridine	0.531	0.166	"	0.831		64.0	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.51*		"	*1.66*		*91.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.30*		"	*1.66*		*78.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.845*		"	*0.831*		*102*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.901*		"	*0.831*		*108*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.24*		"	*1.66*		*135*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.843*		"	*0.831*		*102*	*24-116*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40458 - EPA 3550C											
Blank (BI40458-BLK2)											Prepared: 09/09/2024 Analyzed: 09/10/2024
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	*0.0545*		*"*	*0.0664*		*82.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0349*		*"*	*0.0664*		*52.5*	*30-120*				
LCS (BI40458-BS2)											Prepared: 09/09/2024 Analyzed: 09/10/2024
Aroclor 1016	0.286	0.0166	mg/kg wet	0.332		86.2	40-130				
Aroclor 1260	0.272	0.0166	"	0.332		81.9	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0561*		*"*	*0.0664*		*84.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0385*		*"*	*0.0664*		*58.0*	*30-120*				
Batch BI40510 - EPA SW846-3510C Low Level											
Blank (BI40510-BLK2)											Prepared & Analyzed: 09/10/2024
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	*0.0810*		*"*	*0.200*		*40.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0850*		*"*	*0.200*		*42.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40510 - EPA SW846-3510C Low Level											
LCS (BI40510-BS2)							Prepared & Analyzed: 09/10/2024				
Aroclor 1016	0.497	0.0500	ug/L	1.00		49.7	40-120				
Aroclor 1260	0.512	0.0500	"	1.00		51.2	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0740*		*"*	*0.200*		*37.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0660*		*"*	*0.200*		*33.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40465 - EPA 3050B											
Blank (BI40465-BLK1)											Prepared: 09/09/2024 Analyzed: 09/10/2024
Antimony	ND	1.74	mg/kg wet								
Arsenic	ND	1.04	"								
Beryllium	ND	0.035	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Nickel	ND	0.692	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Thallium	ND	1.74	"								
Zinc	ND	1.73	"								
Reference (BI40465-SRM1)											Prepared: 09/09/2024 Analyzed: 09/10/2024
Antimony	66.7	1.74	mg/kg wet	244		27.3	0-99.5				
Arsenic	238	1.04	"	283		84.1	69.9-101.4				
Beryllium	146	0.035	"	175		83.2	75.4-107.4				
Cadmium	81.3	0.208	"	95.8		84.8	72.3-103.7				
Chromium	218	0.348	"	239		91.3	72.4-106.3				
Copper	205	1.39	"	217		94.4	74.7-105.1				
Lead	181	0.348	"	210		86.1	75.7-109.5				
Nickel	297	0.692	"	329		90.1	74.5-106.7				
Selenium	257	1.74	"	281		91.6	77.6-116.7				
Silver	73.2	0.350	"	82.7		88.6	73.7-111.7				
Thallium	103	1.74	"	123		83.8	70.2-104.8				
Zinc	215	1.73	"	260		82.8	72.7-109.2				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40564 - EPA 3050B											
Blank (BI40564-BLK1)											Prepared: 09/10/2024 Analyzed: 09/11/2024
Antimony	ND	1.74	mg/kg wet								
Arsenic	ND	1.04	"								
Beryllium	ND	0.035	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Nickel	ND	0.692	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Thallium	ND	1.74	"								
Zinc	ND	1.73	"								
Reference (BI40564-SRM1)											Prepared: 09/10/2024 Analyzed: 09/11/2024
Antimony	72.9	1.74	mg/kg wet	244		29.9	0-99.5				
Arsenic	266	1.04	"	283		94.0	69.9-101.4				
Beryllium	186	0.035	"	175		106	75.4-107.4				
Cadmium	90.1	0.208	"	95.8		94.0	72.3-103.7				
Chromium	249	0.348	"	239		104	72.4-106.3				
Copper	235	1.39	"	217		108	74.7-105.1	High Bias			
Lead	205	0.348	"	210		97.5	75.7-109.5				
Nickel	340	0.692	"	329		103	74.5-106.7				
Selenium	295	1.74	"	281		105	77.6-116.7				
Silver	84.6	0.350	"	82.7		102	73.7-111.7				
Thallium	116	1.74	"	123		94.3	70.2-104.8				
Zinc	253	1.73	"	260		97.2	72.7-109.2				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40527 - EPA 3015A											
Blank (BI40527-BLK1)											Prepared: 09/10/2024 Analyzed: 09/11/2024
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Chromium	ND	1.11	"								
Copper	ND	1.11	"								
Lead	ND	1.11	"								
Nickel	ND	1.11	"								
Selenium	ND	1.11	"								
Silver	ND	1.11	"								
Thallium	ND	1.11	"								
Zinc	ND	1.11	"								
LCS (BI40527-BS1)											Prepared: 09/10/2024 Analyzed: 09/11/2024
Antimony	45.3		ug/L	50.0		90.5	80-120				
Arsenic	46.0		"	50.0		92.0	80-120				
Beryllium	47.8		"	50.0		95.6	80-120				
Cadmium	48.9		"	50.0		97.8	80-120				
Chromium	48.2		"	50.0		96.5	80-120				
Copper	48.2		"	50.0		96.5	80-120				
Lead	46.1		"	50.0		92.2	80-120				
Nickel	48.1		"	50.0		96.2	80-120				
Selenium	41.7		"	50.0		83.5	80-120				
Silver	48.7		"	50.0		97.4	80-120				
Thallium	48.8		"	50.0		97.5	80-120				
Zinc	51.3		"	50.0		103	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40524 - EPA SW846-7470A											
Blank (BI40524-BLK1)								Prepared & Analyzed: 09/10/2024			
Mercury	ND	0.0002	mg/L								
LCS (BI40524-BS1)								Prepared & Analyzed: 09/10/2024			
Mercury	0.0018920	0.0002	mg/L	0.00200		94.6	80-120				
Batch BI40558 - EPA 7473 soil											
Blank (BI40558-BLK1)								Prepared: 09/10/2024 Analyzed: 09/11/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BI40558-DUP1)	*Source sample: 24I0221-07 (SB-29 (1-4))							Prepared: 09/10/2024 Analyzed: 09/11/2024			
Mercury	0.718	0.0324	mg/kg dry		0.649				10.1	35	
Matrix Spike (BI40558-MS1)	*Source sample: 24I0221-07 (SB-29 (1-4))							Prepared: 09/10/2024 Analyzed: 09/11/2024			
Mercury	0.979		mg/kg	0.500	0.600	75.7	75-125				
Reference (BI40558-SRM1)								Prepared: 09/10/2024 Analyzed: 09/11/2024			
Mercury	18.168		mg/kg	18.2		99.8	59.9-140.1				
Batch BI40559 - EPA 7473 soil											
Blank (BI40559-BLK1)								Prepared: 09/10/2024 Analyzed: 09/11/2024			
Mercury	ND	0.0300	mg/kg wet								
Reference (BI40559-SRM1)								Prepared: 09/10/2024 Analyzed: 09/11/2024			
Mercury	21.077		mg/kg	18.2		116	59.9-140.1				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I0221-01	SB-30 (4-6)	4 oz. WM Clear Glass Cool to 4° C
24I0221-02	SB-60 (3-6)	4 oz. WM Clear Glass Cool to 4° C
24I0221-03	SB-26 (5-6)	4 oz. WM Clear Glass Cool to 4° C
24I0221-04	RB_9.3.24	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I0221-05	SB-61 (2-5)	4 oz. WM Clear Glass Cool to 4° C
24I0221-07	SB-29 (1-4)	4 oz. WM Clear Glass Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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

YORK ANALYTICAL LABORATORIES INC

YORK Project Number: 24I0221

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

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

Report To:	Invoice To:
Company: HRP Associates, Inc.	Company:
Address: 1 Fairchild Sq Suite 110 Clifton Park NY 12065	Address:
Phone.: 518 877 7101	Phone.:
Contact: Elliott Jackson	Contact: Cassy George
E-mail: elliott.jackson@hrpassociates.com	E-mail: Cassy.George@hrpassociates.com

YOUR Project Name / Number: Remington Arms / HERI510.P2

PO Number:

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

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

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

Elliott Jackson

Samples Collected by: (print AND sign your name)

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

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:	TCL VOCs	TCL SVOCs	PP Metals	TCL PCBs	Grab or Comp. G/C
SB-30 (4-6)	9/3/24	1030	S	3X										X	X	X	X	G
SB-60 (3-6)	9/3/24	1245	S	2										X	X	X		G
SB-26 (5-6)	9/3/24	1200	S	2										X	X	X		G
RB-9.3.24	"	1530	GW	4	3		1							X	X	X	X	
SB-61 (2-5)	9/4/24	1400	S	2										X	X	X		G
SB-27 (1-3)	"	1245	S	1													X	G
SB-29 (1-4)	"	1050	S	2										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) NYSDEC Part 375 SCOs

Field Filtered

Lab Filtered

Comments: Send copy to Ted.Walton@hrpassociates.com

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

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

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

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	9/5/24 1125	Chris C	9-5-24 11:25	Chris C	9-5-24 1525
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
					9/5/24 15:25 2.6°C (Degrees C)

Technical Report

prepared for:

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

Report Date: 09/09/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I0046

Report Date: 09/09/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I0046

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 03, 2024 and listed below. The project was identified as your project: **Remington Arms/HER1510.P2**.

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
24I0046-01	SB-42 (20-23)	Soil	08/30/2024	09/03/2024
24I0046-02	SB-25 (1-3)	Soil	08/30/2024	09/03/2024
24I0046-03	RB_8.30.24	Water	08/30/2024	09/03/2024
24I0046-04	SB-52 (25-27)	Soil	08/30/2024	09/03/2024

General Notes for York Project (SDG) No.: 24I0046

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

Approved By: 

Date: 09/09/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB-42 (20-23) **York Sample ID:** 24I0046-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 9:30 am	09/03/2024

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

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	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								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	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**0.0046**	J	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-42 (20-23) **York Sample ID:** 24I0046-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 9:30 am	09/03/2024

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

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	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.021**	ICVE, QL-02	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**0.0081**		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-42 (20-23) **York Sample ID:** 24I0046-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 9:30 am	09/03/2024

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

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	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.0061**		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**0.010**		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	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 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.0039**	J	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-42 (20-23) **York Sample ID:** 24I0046-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 9:30 am	09/03/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-CONT

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	0.0026	0.0051	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	09/04/2024 10:00	09/04/2024 16:42	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.4 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*170 %*	S-04, S-08	*76-130*

SVOA, 8270 MASTER

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	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0932	0.186	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-42 (20-23)

York Sample ID: 24I0046-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 9:30 am	09/03/2024

SVOA, 8270 MASTER

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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.187	0.373	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.373	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-42 (20-23) **York Sample ID:** 24I0046-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 9:30 am	09/03/2024

SVOA, 8270 MASTER

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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0932	0.186	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-42 (20-23) **York Sample ID:** 24I0046-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 9:30 am	09/03/2024

SVOA, 8270 MASTER **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	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.187	0.373	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:22	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*81.4 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*72.1 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.4 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*89.1 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*121 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.7 %*		*24-116*

Sample Information

Client Sample ID: SB-42 (20-23) **York Sample ID:** 24I0046-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 9:30 am	09/03/2024

Metals, Priority Pollutant

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	1.96	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**11.5**		mg/kg dry	1.18	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.254**	B	mg/kg dry	0.040	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.235	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.3**		mg/kg dry	0.392	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**39.0**		mg/kg dry	1.57	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**7.24**		mg/kg dry	0.392	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.6**		mg/kg dry	0.781	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.96	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.395	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.96	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**43.5**		mg/kg dry	1.95	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	0.0339	1	EPA 7473	09/05/2024 14:02	09/06/2024 15:21	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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**	**88.6**		%	0.100	1	SM 2540G	09/04/2024 09:36	09/04/2024 15:13	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-25 (1-3) **York Sample ID:** 24I0046-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 12:10 pm	09/03/2024

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

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	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								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	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO, QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO, QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-25 (1-3) **York Sample ID:** 24I0046-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 12:10 pm	09/03/2024

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

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	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0085**	J	mg/kg dry	0.0057	0.011	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-25 (1-3) **York Sample ID:** 24I0046-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 12:10 pm	09/03/2024

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

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	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	IS-LO, QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND	IS-LO	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0081**	J	mg/kg dry	0.0057	0.011	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND	IS-LO, QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND	IS-LO, QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-25 (1-3) **York Sample ID:** 24I0046-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 12:10 pm	09/03/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-CONT

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	0.0028	0.0057	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C	09/05/2024 09:43	09/05/2024 12:02	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*121 %*	S-03, S-08	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*	IS-LO	*76-130*

SVOA, 8270 MASTER

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	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0991	0.198	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0991	0.198	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0991	0.198	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**0.0610**	J	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-25 (1-3) **York Sample ID:** 24I0046-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 12:10 pm	09/03/2024

SVOA, 8270 MASTER

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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0991	0.198	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0991	0.198	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0991	0.198	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0991	0.198	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0991	0.198	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.143**	ICVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.570**	ICVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.198	0.397	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.631**	ICVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.198	0.397	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**2.36**	ICVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-25 (1-3) **York Sample ID:** 24I0046-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 12:10 pm	09/03/2024

SVOA, 8270 MASTER **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
50-32-8	**Benzo(a)pyrene**	**2.32**	ICVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**1.83**	ICVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**2.04**	ICVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**1.84**	ICVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0991	0.198	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.334**	ICVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**2.45**	ICVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.824**	CCVE, ICVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.109**	ICVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0991	0.198	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**8.27**	ICVE	mg/kg dry	0.248	0.495	10	EPA 8270D	09/04/2024 13:46	09/05/2024 15:23	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-25 (1-3) **York Sample ID:** 24I0046-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 12:10 pm	09/03/2024

SVOA, 8270 MASTER **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**	**0.188**	ICVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.92**	ICVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0689**	J	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**3.88**	ICVE	mg/kg dry	0.248	0.495	10	EPA 8270D	09/04/2024 13:46	09/05/2024 15:23	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0497	0.0991	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**5.70**	ICVE	mg/kg dry	0.248	0.495	10	EPA 8270D	09/04/2024 13:46	09/05/2024 15:23	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.198	0.397	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*95.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.7 %*	*24-116*

Sample Information

Client Sample ID: SB-25 (1-3) **York Sample ID:** 24I0046-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 12:10 pm	09/03/2024

Metals, Priority Pollutant

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	2.08	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.40**		mg/kg dry	1.25	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.340**	B	mg/kg dry	0.042	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.250	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.0**		mg/kg dry	0.417	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**26.0**		mg/kg dry	1.67	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**38.2**		mg/kg dry	0.417	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.0**		mg/kg dry	0.830	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.08	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.420	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.08	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**29.5**		mg/kg dry	2.07	1	EPA 6010D	09/04/2024 16:40	09/06/2024 13:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.530**		mg/kg dry	0.0360	1	EPA 7473	09/05/2024 14:02	09/06/2024 15:21	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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**	**83.3**		%	0.100	1	SM 2540G	09/04/2024 09:36	09/04/2024 15:13	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **RB_8.30.24** **York Sample ID:** **24I0046-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Water	August 30, 2024 3:00 pm	09/03/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_8.30.24 **York Sample ID:** 24I0046-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Water	August 30, 2024 3:00 pm	09/03/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.59**		ug/L	0.245	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**18.0**		ug/L	0.243	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: RB_8.30.24 **York Sample ID:** 24I0046-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Water	August 30, 2024 3:00 pm	09/03/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE	ug/L	0.239	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_8.30.24 **York Sample ID:** 24I0046-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Water	August 30, 2024 3:00 pm	09/03/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/05/2024 08:00	09/05/2024 14:33	SCB
								Certifications:	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 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.2 %*	*79-122*

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_8.30.24 **York Sample ID:** 24I0046-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Water	August 30, 2024 3:00 pm	09/03/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE, QL-02	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	ug/L	5.00	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, QL-02	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_8.30.24 **York Sample ID:** 24I0046-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Water	August 30, 2024 3:00 pm	09/03/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 14:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.5 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*12.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.7 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*104 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.4 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: RB_8.30.24 **York Sample ID:** 24I0046-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Water	August 30, 2024 3:00 pm	09/03/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.100**		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: RB_8.30.24 **York Sample ID:** 24I0046-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Water	August 30, 2024 3:00 pm	09/03/2024

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 16:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Priority Pollutant-Low Level

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	09/05/2024 09:24	09/06/2024 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	09/05/2024 09:24	09/06/2024 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	09/05/2024 09:24	09/06/2024 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	09/05/2024 09:24	09/06/2024 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.30**		ug/L	1.11	1	EPA 6020B	09/05/2024 09:24	09/06/2024 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**1.34**		ug/L	1.11	1	EPA 6020B	09/05/2024 09:24	09/06/2024 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	09/05/2024 09:24	09/06/2024 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**2.69**		ug/L	1.11	1	EPA 6020B	09/05/2024 09:24	09/06/2024 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	09/05/2024 09:24	09/06/2024 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	09/05/2024 09:24	09/06/2024 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/05/2024 09:24	09/06/2024 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**13.8**		ug/L	1.11	1	EPA 6020B	09/05/2024 09:24	09/06/2024 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0002**		mg/L	0.0002	1	EPA 7470	09/06/2024 08:33	09/06/2024 08:33	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-52 (25-27) **York Sample ID:** 24I0046-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 1:55 pm	09/03/2024

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

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	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								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	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.087	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-52 (25-27) **York Sample ID:** 24I0046-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 1:55 pm	09/03/2024

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

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	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.023**	ICVE, QL-02	mg/kg dry	0.0043	0.0087	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0043	0.0087	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-52 (25-27) **York Sample ID:** 24I0046-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 1:55 pm	09/03/2024

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

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	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-52 (25-27) **York Sample ID:** 24I0046-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 1:55 pm	09/03/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-CONT

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	0.0022	0.0043	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C	09/04/2024 10:00	09/04/2024 17:34	ME
								Certifications:	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*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*	*76-130*

SVOA, 8270 MASTER

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	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0948	0.189	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-52 (25-27) **York Sample ID:** 24I0046-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 1:55 pm	09/03/2024

SVOA, 8270 MASTER

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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-52 (25-27) **York Sample ID:** 24I0046-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 1:55 pm	09/03/2024

SVOA, 8270 MASTER

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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0948	0.189	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-52 (25-27) **York Sample ID:** 24I0046-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 1:55 pm	09/03/2024

SVOA, 8270 MASTER **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	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.190	0.380	2	EPA 8270D	09/04/2024 13:46	09/05/2024 17:55	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*81.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.0 %*	*24-116*

Sample Information

Client Sample ID: SB-52 (25-27) **York Sample ID:** 24I0046-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0046	Remington Arms/HER1510.P2	Soil	August 30, 2024 1:55 pm	09/03/2024

Metals, Priority Pollutant

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	1.99	1	EPA 6010D	09/05/2024 12:45	09/06/2024 17:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**18.0**		mg/kg dry	1.20	1	EPA 6010D	09/05/2024 12:45	09/06/2024 17:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.493**		mg/kg dry	0.040	1	EPA 6010D	09/05/2024 12:45	09/06/2024 17:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.239	1	EPA 6010D	09/05/2024 12:45	09/06/2024 17:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**11.3**		mg/kg dry	0.399	1	EPA 6010D	09/05/2024 12:45	09/06/2024 17:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**24.5**		mg/kg dry	1.59	1	EPA 6010D	09/05/2024 12:45	09/06/2024 17:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**8.54**		mg/kg dry	0.399	1	EPA 6010D	09/05/2024 12:45	09/06/2024 17:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.1**		mg/kg dry	0.794	1	EPA 6010D	09/05/2024 12:45	09/06/2024 17:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**2.00**		mg/kg dry	1.99	1	EPA 6010D	09/05/2024 12:45	09/06/2024 17:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.402	1	EPA 6010D	09/05/2024 12:45	09/06/2024 17:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.99	1	EPA 6010D	09/05/2024 12:45	09/06/2024 17:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**58.2**		mg/kg dry	1.98	1	EPA 6010D	09/05/2024 12:45	09/06/2024 17:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.0891**		mg/kg dry	0.0344	1	EPA 7473	09/05/2024 14:02	09/06/2024 15:21	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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**	**87.1**		%	0.100	1	SM 2540G	09/04/2024 09:36	09/04/2024 15:13	PMB
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BI40144 **Preparation Method:** % Solids Prep **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I0046-01	SB-42 (20-23)	09/04/24
24I0046-02	SB-25 (1-3)	09/04/24
24I0046-04	SB-52 (25-27)	09/04/24

Batch ID: BI40161 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I0046-01	SB-42 (20-23)	09/04/24
24I0046-02	SB-25 (1-3)	09/04/24
24I0046-02RE1	SB-25 (1-3)	09/04/24
24I0046-04	SB-52 (25-27)	09/04/24
BI40161-BLK1	Blank	09/04/24
BI40161-BS1	LCS	09/04/24

Batch ID: BI40178 **Preparation Method:** EPA 5035A **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
24I0046-01	SB-42 (20-23)	09/04/24
24I0046-04	SB-52 (25-27)	09/04/24
BI40178-BLK1	Blank	09/04/24
BI40178-BS1	LCS	09/04/24
BI40178-BSD1	LCS Dup	09/04/24

Batch ID: BI40186 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I0046-01	SB-42 (20-23)	09/04/24
24I0046-02	SB-25 (1-3)	09/04/24
BI40186-BLK1	Blank	09/04/24
BI40186-DUP1	Duplicate	09/04/24
BI40186-MS1	Matrix Spike	09/04/24
BI40186-PS1	Post Spike	09/04/24
BI40186-SRM1	Reference	09/04/24

Batch ID: BI40224 **Preparation Method:** EPA 3510C **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
24I0046-03	RB_8.30.24	09/05/24
BI40224-BLK1	Blank	09/05/24
BI40224-BLK2	Blank	09/05/24
BI40224-BS1	LCS	09/05/24
BI40224-BS2	LCS	09/05/24
BI40224-BSD1	LCS Dup	09/05/24

Batch ID: BI40230 **Preparation Method:** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
24I0046-02	SB-25 (1-3)	09/05/24
BI40230-BLK1	Blank	09/05/24
BI40230-BS1	LCS	09/05/24
BI40230-BSD1	LCS Dup	09/05/24

Batch ID: BI40237 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24I0046-03	RB_8.30.24	09/05/24
BI40237-BLK1	Blank	09/05/24
BI40237-BS1	LCS	09/05/24
BI40237-BSD1	LCS Dup	09/05/24

Batch ID: BI40240 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24I0046-03	RB_8.30.24	09/05/24
BI40240-BLK1	Blank	09/05/24
BI40240-BS1	LCS	09/05/24

Batch ID: BI40251 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24I0046-04	SB-52 (25-27)	09/05/24
BI40251-BLK1	Blank	09/05/24
BI40251-SRM1	Reference	09/05/24

Batch ID: BI40258 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0046-01	SB-42 (20-23)	09/05/24
24I0046-02	SB-25 (1-3)	09/05/24
24I0046-04	SB-52 (25-27)	09/05/24
BI40258-BLK1	Blank	09/05/24
BI40258-SRM1	Reference	09/05/24

Batch ID: BI40323 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24I0046-03	RB_8.30.24	09/06/24
BI40323-BLK1	Blank	09/06/24
BI40323-BLK2	Blank	09/06/24
BI40323-BS1	LCS	09/06/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40178 - EPA 5035A											
Blank (BI40178-BLK1)											Prepared & Analyzed: 09/04/2024
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40178 - EPA 5035A											
Blank (BI40178-BLK1)								Prepared & Analyzed: 09/04/2024			
n-Butylbenzene	ND	0.0050	mg/kg wet								
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)	0.0047	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.8*		*"*	*50.0*		*106*	*76-130*				
LCS (BI40178-BS1)								Prepared & Analyzed: 09/04/2024			
1,1,1,2-Tetrachloroethane	39.8		ug/L	50.0		79.7	75-129				
1,1,1-Trichloroethane	51.0		"	50.0		102	71-137				
1,1,2,2-Tetrachloroethane	48.0		"	50.0		96.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.2		"	50.0		108	58-146				
1,1,2-Trichloroethane	47.7		"	50.0		95.4	83-123				
1,1-Dichloroethane	50.2		"	50.0		100	75-130				
1,1-Dichloroethylene	58.3		"	50.0		117	64-137				
1,2,3-Trichlorobenzene	47.4		"	50.0		94.9	81-140				
1,2,3-Trichloropropane	45.6		"	50.0		91.1	81-126				
1,2,4-Trichlorobenzene	52.2		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	49.5		"	50.0		99.0	84-125				
1,2-Dibromo-3-chloropropane	46.2		"	50.0		92.5	74-142				
1,2-Dibromoethane	49.2		"	50.0		98.4	86-123				
1,2-Dichlorobenzene	47.6		"	50.0		95.2	85-122				
1,2-Dichloroethane	53.6		"	50.0		107	71-133				
1,2-Dichloropropane	49.2		"	50.0		98.4	81-122				
1,3,5-Trimethylbenzene	49.4		"	50.0		98.9	82-126				
1,3-Dichlorobenzene	48.0		"	50.0		95.9	84-124				
1,4-Dichlorobenzene	47.1		"	50.0		94.2	84-124				
1,4-Dioxane	969		"	1050		92.3	10-228				
2-Butanone	49.4		"	50.0		98.8	58-147				
2-Hexanone	48.2		"	50.0		96.4	70-139				
4-Methyl-2-pentanone	49.6		"	50.0		99.2	72-132				
Acetone	116		"	50.0		233	36-155	High Bias			
Acrolein	11.5		"	50.0		23.1	10-238				
Acrylonitrile	50.4		"	50.0		101	66-141				
Benzene	52.9		"	50.0		106	77-127				
Bromochloromethane	51.3		"	50.0		103	74-129				
Bromodichloromethane	49.9		"	50.0		99.8	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40178 - EPA 5035A											
LCS (BI40178-BS1)								Prepared & Analyzed: 09/04/2024			
Bromoform	40.8		ug/L	50.0		81.6	80-136				
Bromomethane	63.9		"	50.0		128	32-177				
Carbon disulfide	59.6		"	50.0		119	10-136				
Carbon tetrachloride	45.5		"	50.0		91.1	66-143				
Chlorobenzene	49.0		"	50.0		98.0	86-120				
Chloroethane	58.9		"	50.0		118	51-142				
Chloroform	51.5		"	50.0		103	76-131				
Chloromethane	48.7		"	50.0		97.5	49-132				
cis-1,2-Dichloroethylene	51.5		"	50.0		103	74-132				
cis-1,3-Dichloropropylene	48.6		"	50.0		97.2	81-129				
Cyclohexane	51.1		"	50.0		102	70-130				
Dibromochloromethane	43.9		"	50.0		87.8	10-200				
Dibromomethane	48.2		"	50.0		96.4	83-124				
Dichlorodifluoromethane	51.4		"	50.0		103	28-158				
Ethyl Benzene	52.7		"	50.0		105	84-125				
Hexachlorobutadiene	44.2		"	50.0		88.4	83-133				
Isopropylbenzene	48.2		"	50.0		96.3	81-127				
Methyl acetate	42.8		"	50.0		85.6	41-143				
Methyl tert-butyl ether (MTBE)	53.6		"	50.0		107	74-131				
Methylcyclohexane	47.3		"	50.0		94.7	70-130				
Methylene chloride	52.8		"	50.0		106	57-141				
n-Butylbenzene	52.1		"	50.0		104	80-130				
n-Propylbenzene	49.4		"	50.0		98.8	74-136				
o-Xylene	51.4		"	50.0		103	83-123				
p- & m- Xylenes	110		"	100		110	82-128				
p-Isopropyltoluene	51.1		"	50.0		102	85-125				
sec-Butylbenzene	48.3		"	50.0		96.6	83-125				
Styrene	50.8		"	50.0		102	86-126				
tert-Butyl alcohol (TBA)	245		"	250		98.2	70-130				
tert-Butylbenzene	46.2		"	50.0		92.5	80-127				
Tetrachloroethylene	38.5		"	50.0		77.0	80-129	Low Bias			
Toluene	50.5		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	53.0		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	49.4		"	50.0		98.7	78-132				
Trichloroethylene	49.0		"	50.0		98.0	84-123				
Trichlorofluoromethane	59.0		"	50.0		118	62-140				
Vinyl Chloride	54.2		"	50.0		108	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.4*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40178 - EPA 5035A											
LCS Dup (BI40178-BSD1)								Prepared & Analyzed: 09/04/2024			
1,1,1,2-Tetrachloroethane	46.5		ug/L	50.0		93.0	75-129		15.4	30	
1,1,1-Trichloroethane	57.9		"	50.0		116	71-137		12.6	30	
1,1,2,2-Tetrachloroethane	57.3		"	50.0		115	79-129		17.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60.0		"	50.0		120	58-146		10.0	30	
1,1,2-Trichloroethane	55.5		"	50.0		111	83-123		15.1	30	
1,1-Dichloroethane	57.1		"	50.0		114	75-130		12.8	30	
1,1-Dichloroethylene	64.0		"	50.0		128	64-137		9.33	30	
1,2,3-Trichlorobenzene	55.0		"	50.0		110	81-140		14.7	30	
1,2,3-Trichloropropane	53.8		"	50.0		108	81-126		16.5	30	
1,2,4-Trichlorobenzene	59.4		"	50.0		119	80-141		12.9	30	
1,2,4-Trimethylbenzene	55.8		"	50.0		112	84-125		12.1	30	
1,2-Dibromo-3-chloropropane	56.4		"	50.0		113	74-142		19.7	30	
1,2-Dibromoethane	57.6		"	50.0		115	86-123		15.7	30	
1,2-Dichlorobenzene	54.4		"	50.0		109	85-122		13.3	30	
1,2-Dichloroethane	63.0		"	50.0		126	71-133		16.0	30	
1,2-Dichloropropane	55.4		"	50.0		111	81-122		11.8	30	
1,3,5-Trimethylbenzene	55.3		"	50.0		111	82-126		11.2	30	
1,3-Dichlorobenzene	55.2		"	50.0		110	84-124		14.1	30	
1,4-Dichlorobenzene	53.7		"	50.0		107	84-124		13.1	30	
1,4-Dioxane	1210		"	1050		115	10-228		21.8	30	
2-Butanone	60.5		"	50.0		121	58-147		20.1	30	
2-Hexanone	57.0		"	50.0		114	70-139		16.8	30	
4-Methyl-2-pentanone	57.2		"	50.0		114	72-132		14.3	30	
Acetone	154		"	50.0		308	36-155	High Bias	27.8	30	
Acrolein	12.4		"	50.0		24.7	10-238		6.94	30	
Acrylonitrile	59.0		"	50.0		118	66-141		15.9	30	
Benzene	59.9		"	50.0		120	77-127		12.4	30	
Bromochloromethane	59.0		"	50.0		118	74-129		14.1	30	
Bromodichloromethane	57.3		"	50.0		115	81-124		13.7	30	
Bromoform	49.4		"	50.0		98.8	80-136		19.1	30	
Bromomethane	67.8		"	50.0		136	32-177		5.91	30	
Carbon disulfide	64.6		"	50.0		129	10-136		8.02	30	
Carbon tetrachloride	51.8		"	50.0		104	66-143		12.9	30	
Chlorobenzene	56.1		"	50.0		112	86-120		13.6	30	
Chloroethane	62.4		"	50.0		125	51-142		5.74	30	
Chloroform	58.7		"	50.0		117	76-131		13.0	30	
Chloromethane	47.3		"	50.0		94.6	49-132		3.00	30	
cis-1,2-Dichloroethylene	58.0		"	50.0		116	74-132		11.9	30	
cis-1,3-Dichloropropylene	55.9		"	50.0		112	81-129		13.9	30	
Cyclohexane	53.3		"	50.0		107	70-130		4.10	30	
Dibromochloromethane	51.7		"	50.0		103	10-200		16.4	30	
Dibromomethane	56.2		"	50.0		112	83-124		15.4	30	
Dichlorodifluoromethane	41.7		"	50.0		83.4	28-158		20.8	30	
Ethyl Benzene	59.9		"	50.0		120	84-125		12.8	30	
Hexachlorobutadiene	49.1		"	50.0		98.2	83-133		10.5	30	
Isopropylbenzene	54.0		"	50.0		108	81-127		11.5	30	
Methyl acetate	47.9		"	50.0		95.9	41-143		11.3	30	
Methyl tert-butyl ether (MTBE)	60.5		"	50.0		121	74-131		12.1	30	
Methylcyclohexane	48.9		"	50.0		97.7	70-130		3.20	30	
Methylene chloride	59.3		"	50.0		119	57-141		11.7	30	
n-Butylbenzene	58.0		"	50.0		116	80-130		10.6	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40178 - EPA 5035A											
LCS Dup (BI40178-BSD1)								Prepared & Analyzed: 09/04/2024			
n-Propylbenzene	55.6		ug/L	50.0		111	74-136		11.9	30	
o-Xylene	58.4		"	50.0		117	83-123		12.6	30	
p- & m- Xylenes	125		"	100		125	82-128		12.8	30	
p-Isopropyltoluene	57.9		"	50.0		116	85-125		12.5	30	
sec-Butylbenzene	54.0		"	50.0		108	83-125		11.2	30	
Styrene	58.4		"	50.0		117	86-126		14.0	30	
tert-Butyl alcohol (TBA)	292		"	250		117	70-130		17.5	30	
tert-Butylbenzene	52.0		"	50.0		104	80-127		11.7	30	
Tetrachloroethylene	43.4		"	50.0		86.7	80-129		11.9	30	
Toluene	57.1		"	50.0		114	85-121		12.2	30	
trans-1,2-Dichloroethylene	59.5		"	50.0		119	72-132		11.7	30	
trans-1,3-Dichloropropylene	56.8		"	50.0		114	78-132		13.9	30	
Trichloroethylene	55.0		"	50.0		110	84-123		11.5	30	
Trichlorofluoromethane	63.1		"	50.0		126	62-140		6.69	30	
Vinyl Chloride	55.1		"	50.0		110	52-130		1.76	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.0*		*"*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*97.9*	*76-130*				
Batch BI40230 - EPA 5035A											
Blank (BI40230-BLK1)								Prepared & Analyzed: 09/05/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40230 - EPA 5035A											
Blank (BI40230-BLK1)									Prepared & Analyzed: 09/05/2024		
Bromoform	ND	0.0050	mg/kg wet								
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	"								
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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.6*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.3*		*"*	*50.0*		*96.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40230 - EPA 5035A											
LCS (BI40230-BS1)								Prepared & Analyzed: 09/05/2024			
1,1,1,2-Tetrachloroethane	44.7		ug/L	50.0		89.4	75-129				
1,1,1-Trichloroethane	44.7		"	50.0		89.3	71-137				
1,1,2,2-Tetrachloroethane	44.5		"	50.0		89.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.2		"	50.0		88.4	58-146				
1,1,2-Trichloroethane	43.4		"	50.0		86.9	83-123				
1,1-Dichloroethane	43.2		"	50.0		86.4	75-130				
1,1-Dichloroethylene	47.3		"	50.0		94.6	64-137				
1,2,3-Trichlorobenzene	42.1		"	50.0		84.1	81-140				
1,2,3-Trichloropropane	44.8		"	50.0		89.7	81-126				
1,2,4-Trichlorobenzene	42.8		"	50.0		85.6	80-141				
1,2,4-Trimethylbenzene	44.1		"	50.0		88.2	84-125				
1,2-Dibromo-3-chloropropane	44.2		"	50.0		88.3	74-142				
1,2-Dibromoethane	45.5		"	50.0		90.9	86-123				
1,2-Dichlorobenzene	42.8		"	50.0		85.6	85-122				
1,2-Dichloroethane	46.4		"	50.0		92.8	71-133				
1,2-Dichloropropane	42.9		"	50.0		85.8	81-122				
1,3,5-Trimethylbenzene	43.9		"	50.0		87.7	82-126				
1,3-Dichlorobenzene	41.6		"	50.0		83.2	84-124	Low Bias			
1,4-Dichlorobenzene	42.0		"	50.0		83.9	84-124	Low Bias			
1,4-Dioxane	971		"	1050		92.5	10-228				
2-Butanone	40.9		"	50.0		81.9	58-147				
2-Hexanone	44.4		"	50.0		88.8	70-139				
4-Methyl-2-pentanone	46.0		"	50.0		91.9	72-132				
Acetone	104		"	50.0		207	36-155	High Bias			
Acrolein	9.18		"	50.0		18.4	10-238				
Acrylonitrile	46.6		"	50.0		93.2	66-141				
Benzene	45.6		"	50.0		91.2	77-127				
Bromochloromethane	44.4		"	50.0		88.7	74-129				
Bromodichloromethane	44.3		"	50.0		88.6	81-124				
Bromoform	45.8		"	50.0		91.6	80-136				
Bromomethane	45.0		"	50.0		90.1	32-177				
Carbon disulfide	49.0		"	50.0		98.0	10-136				
Carbon tetrachloride	44.9		"	50.0		89.7	66-143				
Chlorobenzene	43.9		"	50.0		87.9	86-120				
Chloroethane	45.0		"	50.0		90.1	51-142				
Chloroform	44.8		"	50.0		89.5	76-131				
Chloromethane	43.6		"	50.0		87.3	49-132				
cis-1,2-Dichloroethylene	44.5		"	50.0		89.0	74-132				
cis-1,3-Dichloropropylene	42.5		"	50.0		85.0	81-129				
Cyclohexane	42.3		"	50.0		84.6	70-130				
Dibromochloromethane	44.6		"	50.0		89.1	10-200				
Dibromomethane	43.8		"	50.0		87.5	83-124				
Dichlorodifluoromethane	45.4		"	50.0		90.8	28-158				
Ethyl Benzene	45.0		"	50.0		90.1	84-125				
Hexachlorobutadiene	40.0		"	50.0		79.9	83-133	Low Bias			
Isopropylbenzene	44.0		"	50.0		88.0	81-127				
Methyl acetate	40.4		"	50.0		80.7	41-143				
Methyl tert-butyl ether (MTBE)	46.2		"	50.0		92.5	74-131				
Methylcyclohexane	41.9		"	50.0		83.9	70-130				
Methylene chloride	44.6		"	50.0		89.2	57-141				
n-Butylbenzene	42.4		"	50.0		84.9	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40230 - EPA 5035A											
LCS (BI40230-BS1)								Prepared & Analyzed: 09/05/2024			
n-Propylbenzene	43.6		ug/L	50.0		87.2	74-136				
o-Xylene	43.8		"	50.0		87.6	83-123				
p- & m- Xylenes	88.3		"	100		88.3	82-128				
p-Isopropyltoluene	43.7		"	50.0		87.3	85-125				
sec-Butylbenzene	42.5		"	50.0		85.1	83-125				
Styrene	44.0		"	50.0		88.0	86-126				
tert-Butyl alcohol (TBA)	251		"	250		100	70-130				
tert-Butylbenzene	42.8		"	50.0		85.6	80-127				
Tetrachloroethylene	39.8		"	50.0		79.7	80-129	Low Bias			
Toluene	44.7		"	50.0		89.4	85-121				
trans-1,2-Dichloroethylene	45.2		"	50.0		90.5	72-132				
trans-1,3-Dichloropropylene	43.1		"	50.0		86.3	78-132				
Trichloroethylene	43.6		"	50.0		87.3	84-123				
Trichlorofluoromethane	46.7		"	50.0		93.4	62-140				
Vinyl Chloride	44.5		"	50.0		89.0	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.8*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.1*		*"*	*50.0*		*96.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BI40230-BSD1)								Prepared & Analyzed: 09/05/2024			
1,1,1,2-Tetrachloroethane	43.8		ug/L	50.0		87.6	75-129		1.97	30	
1,1,1-Trichloroethane	44.1		"	50.0		88.2	71-137		1.26	30	
1,1,2,2-Tetrachloroethane	44.7		"	50.0		89.3	79-129		0.291	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.0		"	50.0		88.0	58-146		0.431	30	
1,1,2-Trichloroethane	43.6		"	50.0		87.2	83-123		0.414	30	
1,1-Dichloroethane	43.2		"	50.0		86.5	75-130		0.0926	30	
1,1-Dichloroethylene	47.8		"	50.0		95.6	64-137		1.03	30	
1,2,3-Trichlorobenzene	42.0		"	50.0		83.9	81-140		0.262	30	
1,2,3-Trichloropropane	44.1		"	50.0		88.3	81-126		1.55	30	
1,2,4-Trichlorobenzene	43.0		"	50.0		85.9	80-141		0.350	30	
1,2,4-Trimethylbenzene	43.0		"	50.0		86.1	84-125		2.50	30	
1,2-Dibromo-3-chloropropane	43.8		"	50.0		87.6	74-142		0.841	30	
1,2-Dibromoethane	44.2		"	50.0		88.4	86-123		2.88	30	
1,2-Dichlorobenzene	42.6		"	50.0		85.3	85-122		0.328	30	
1,2-Dichloroethane	48.3		"	50.0		96.6	71-133		3.99	30	
1,2-Dichloropropane	42.7		"	50.0		85.3	81-122		0.561	30	
1,3,5-Trimethylbenzene	42.6		"	50.0		85.3	82-126		2.80	30	
1,3-Dichlorobenzene	41.1		"	50.0		82.3	84-124	Low Bias	1.06	30	
1,4-Dichlorobenzene	41.0		"	50.0		81.9	84-124	Low Bias	2.41	30	
1,4-Dioxane	1000		"	1050		95.7	10-228		3.39	30	
2-Butanone	44.8		"	50.0		89.6	58-147		9.05	30	
2-Hexanone	45.1		"	50.0		90.2	70-139		1.59	30	
4-Methyl-2-pentanone	45.9		"	50.0		91.8	72-132		0.109	30	
Acetone	109		"	50.0		218	36-155	High Bias	5.09	30	
Acrolein	9.98		"	50.0		20.0	10-238		8.35	30	
Acrylonitrile	48.2		"	50.0		96.3	66-141		3.25	30	
Benzene	45.6		"	50.0		91.3	77-127		0.0438	30	
Bromochloromethane	44.8		"	50.0		89.7	74-129		1.12	30	
Bromodichloromethane	43.9		"	50.0		87.9	81-124		0.771	30	
Bromoform	46.0		"	50.0		92.1	80-136		0.523	30	
Bromomethane	45.1		"	50.0		90.2	32-177		0.111	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40230 - EPA 5035A											
LCS Dup (BI40230-BSD1)								Prepared & Analyzed: 09/05/2024			
Carbon disulfide	48.8		ug/L	50.0		97.5	10-136		0.552	30	
Carbon tetrachloride	44.8		"	50.0		89.6	66-143		0.178	30	
Chlorobenzene	43.2		"	50.0		86.3	86-120		1.77	30	
Chloroethane	45.8		"	50.0		91.6	51-142		1.69	30	
Chloroform	45.1		"	50.0		90.3	76-131		0.846	30	
Chloromethane	43.5		"	50.0		87.0	49-132		0.298	30	
cis-1,2-Dichloroethylene	44.4		"	50.0		88.8	74-132		0.248	30	
cis-1,3-Dichloropropylene	42.5		"	50.0		85.1	81-129		0.0470	30	
Cyclohexane	42.0		"	50.0		84.1	70-130		0.617	30	
Dibromochloromethane	45.0		"	50.0		90.0	10-200		1.03	30	
Dibromomethane	43.6		"	50.0		87.1	83-124		0.458	30	
Dichlorodifluoromethane	44.9		"	50.0		89.8	28-158		1.11	30	
Ethyl Benzene	43.7		"	50.0		87.5	84-125		2.95	30	
Hexachlorobutadiene	39.2		"	50.0		78.3	83-133	Low Bias	1.97	30	
Isopropylbenzene	42.4		"	50.0		84.9	81-127		3.63	30	
Methyl acetate	42.6		"	50.0		85.2	41-143		5.40	30	
Methyl tert-butyl ether (MTBE)	48.1		"	50.0		96.3	74-131		4.05	30	
Methylcyclohexane	40.7		"	50.0		81.4	70-130		3.00	30	
Methylene chloride	45.0		"	50.0		90.1	57-141		0.959	30	
n-Butylbenzene	41.3		"	50.0		82.5	80-130		2.82	30	
n-Propylbenzene	41.8		"	50.0		83.7	74-136		4.14	30	
o-Xylene	43.8		"	50.0		87.6	83-123		0.00	30	
p- & m- Xylenes	86.3		"	100		86.3	82-128		2.28	30	
p-Isopropyltoluene	42.2		"	50.0		84.4	85-125	Low Bias	3.40	30	
sec-Butylbenzene	41.1		"	50.0		82.2	83-125	Low Bias	3.42	30	
Styrene	43.9		"	50.0		87.7	86-126		0.364	30	
tert-Butyl alcohol (TBA)	264		"	250		106	70-130		5.24	30	
tert-Butylbenzene	41.1		"	50.0		82.2	80-127		4.08	30	
Tetrachloroethylene	39.2		"	50.0		78.4	80-129	Low Bias	1.67	30	
Toluene	43.5		"	50.0		87.1	85-121		2.67	30	
trans-1,2-Dichloroethylene	45.0		"	50.0		89.9	72-132		0.576	30	
trans-1,3-Dichloropropylene	43.2		"	50.0		86.3	78-132		0.0695	30	
Trichloroethylene	43.7		"	50.0		87.3	84-123		0.0916	30	
Trichlorofluoromethane	46.5		"	50.0		92.9	62-140		0.472	30	
Vinyl Chloride	44.0		"	50.0		88.0	52-130		1.08	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.0*		*"*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.6*		*"*	*50.0*		*95.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40237 - EPA 5030B											
Blank (BI40237-BLK1)									Prepared & Analyzed: 09/05/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	0.770	2.00	"								
n-Butylbenzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40237 - EPA 5030B											
Blank (BI40237-BLK1)								Prepared & Analyzed: 09/05/2024			
n-Propylbenzene	ND	0.500	ug/L								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.26*		*"*	*10.0*		*92.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.84*		*"*	*10.0*		*98.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.84*		*"*	*10.0*		*98.4*	*79-122*				
LCS (BI40237-BS1)								Prepared & Analyzed: 09/05/2024			
1,1,1,2-Tetrachloroethane	11.9		ug/L	10.0		119	82-126				
1,1,1-Trichloroethane	12.0		"	10.0		120	78-136				
1,1,2,2-Tetrachloroethane	11.9		"	10.0		119	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.3		"	10.0		133	54-165				
1,1,2-Trichloroethane	11.3		"	10.0		113	82-123				
1,1-Dichloroethane	11.9		"	10.0		119	82-129				
1,1-Dichloroethylene	12.4		"	10.0		124	68-138				
1,2,3-Trichlorobenzene	13.4		"	10.0		134	76-136				
1,2,3-Trichloropropane	11.0		"	10.0		110	77-128				
1,2,4-Trichlorobenzene	13.5		"	10.0		135	76-137				
1,2,4-Trimethylbenzene	12.1		"	10.0		121	82-132				
1,2-Dibromo-3-chloropropane	9.78		"	10.0		97.8	45-147				
1,2-Dibromoethane	11.6		"	10.0		116	83-124				
1,2-Dichlorobenzene	11.6		"	10.0		116	79-123				
1,2-Dichloroethane	10.7		"	10.0		107	73-132				
1,2-Dichloropropane	11.2		"	10.0		112	78-126				
1,3,5-Trimethylbenzene	12.1		"	10.0		121	80-131				
1,3-Dichlorobenzene	12.0		"	10.0		120	86-122				
1,4-Dichlorobenzene	12.2		"	10.0		122	85-124				
1,4-Dioxane	211		"	210		100	10-349				
2-Butanone	10.0		"	10.0		100	49-152				
2-Hexanone	8.88		"	10.0		88.8	51-146				
4-Methyl-2-pentanone	10.9		"	10.0		109	57-145				
Acetone	7.82		"	10.0		78.2	14-150				
Acrolein	9.97		"	10.0		99.7	10-153				
Acrylonitrile	11.6		"	10.0		116	51-150				
Benzene	12.4		"	10.0		124	85-126				
Bromochloromethane	11.4		"	10.0		114	77-128				
Bromodichloromethane	11.4		"	10.0		114	79-128				
Bromoform	10.7		"	10.0		107	78-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40237 - EPA 5030B											
LCS (BI40237-BS1)							Prepared & Analyzed: 09/05/2024				
Bromomethane	7.37		ug/L	10.0		73.7	43-168				
Carbon disulfide	13.7		"	10.0		137	68-146				
Carbon tetrachloride	12.3		"	10.0		123	77-141				
Chlorobenzene	11.8		"	10.0		118	88-120				
Chloroethane	9.79		"	10.0		97.9	65-136				
Chloroform	11.8		"	10.0		118	82-128				
Chloromethane	8.69		"	10.0		86.9	43-155				
cis-1,2-Dichloroethylene	11.9		"	10.0		119	83-129				
cis-1,3-Dichloropropylene	12.0		"	10.0		120	80-131				
Cyclohexane	13.0		"	10.0		130	63-149				
Dibromochloromethane	10.6		"	10.0		106	80-130				
Dibromomethane	11.2		"	10.0		112	72-134				
Dichlorodifluoromethane	10.2		"	10.0		102	44-144				
Ethyl Benzene	11.7		"	10.0		117	80-131				
Hexachlorobutadiene	13.8		"	10.0		138	67-146				
Isopropylbenzene	12.1		"	10.0		121	76-140				
Methyl acetate	11.2		"	10.0		112	51-139				
Methyl tert-butyl ether (MTBE)	12.1		"	10.0		121	76-135				
Methylcyclohexane	12.8		"	10.0		128	72-143				
Methylene chloride	10.9		"	10.0		109	55-137				
n-Butylbenzene	12.9		"	10.0		129	79-132				
n-Propylbenzene	12.0		"	10.0		120	78-133				
o-Xylene	11.9		"	10.0		119	78-130				
p- & m- Xylenes	23.3		"	20.0		117	77-133				
p-Isopropyltoluene	11.3		"	10.0		113	81-136				
sec-Butylbenzene	12.8		"	10.0		128	79-137				
Styrene	12.2		"	10.0		122	67-132				
tert-Butyl alcohol (TBA)	55.5		"	50.0		111	25-162				
tert-Butylbenzene	12.5		"	10.0		125	77-138				
Tetrachloroethylene	10.0		"	10.0		100	82-131				
Toluene	11.5		"	10.0		115	80-127				
trans-1,2-Dichloroethylene	12.4		"	10.0		124	80-132				
trans-1,3-Dichloropropylene	11.6		"	10.0		116	78-131				
Trichloroethylene	11.2		"	10.0		112	82-128				
Trichlorofluoromethane	10.2		"	10.0		102	67-139				
Vinyl Chloride	10.5		"	10.0		105	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.11*		*"*	*10.0*		*91.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.85*		*"*	*10.0*		*98.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.65*		*"*	*10.0*		*96.5*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40237 - EPA 5030B											
LCS Dup (BI40237-BSD1)								Prepared & Analyzed: 09/05/2024			
1,1,1,2-Tetrachloroethane	11.6		ug/L	10.0		116	82-126		2.81	30	
1,1,1-Trichloroethane	11.5		"	10.0		115	78-136		4.58	30	
1,1,2,2-Tetrachloroethane	11.6		"	10.0		116	76-129		2.30	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.5		"	10.0		125	54-165		5.58	30	
1,1,2-Trichloroethane	11.2		"	10.0		112	82-123		1.07	30	
1,1-Dichloroethane	11.6		"	10.0		116	82-129		2.81	30	
1,1-Dichloroethylene	11.7		"	10.0		117	68-138		5.88	30	
1,2,3-Trichlorobenzene	13.5		"	10.0		135	76-136		1.41	30	
1,2,3-Trichloropropane	10.8		"	10.0		108	77-128		1.01	30	
1,2,4-Trichlorobenzene	13.5		"	10.0		135	76-137		0.370	30	
1,2,4-Trimethylbenzene	11.8		"	10.0		118	82-132		2.09	30	
1,2-Dibromo-3-chloropropane	9.72		"	10.0		97.2	45-147		0.615	30	
1,2-Dibromoethane	11.5		"	10.0		115	83-124		0.950	30	
1,2-Dichlorobenzene	11.4		"	10.0		114	79-123		1.13	30	
1,2-Dichloroethane	10.6		"	10.0		106	73-132		1.12	30	
1,2-Dichloropropane	11.1		"	10.0		111	78-126		1.17	30	
1,3,5-Trimethylbenzene	11.8		"	10.0		118	80-131		2.01	30	
1,3-Dichlorobenzene	11.8		"	10.0		118	86-122		1.76	30	
1,4-Dichlorobenzene	11.8		"	10.0		118	85-124		2.84	30	
1,4-Dioxane	214		"	210		102	10-349		1.66	30	
2-Butanone	9.96		"	10.0		99.6	49-152		0.700	30	
2-Hexanone	8.76		"	10.0		87.6	51-146		1.36	30	
4-Methyl-2-pentanone	10.8		"	10.0		108	57-145		0.551	30	
Acetone	7.92		"	10.0		79.2	14-150		1.27	30	
Acrolein	9.73		"	10.0		97.3	10-153		2.44	30	
Acrylonitrile	12.3		"	10.0		123	51-150		5.69	30	
Benzene	12.0		"	10.0		120	85-126		3.60	30	
Bromochloromethane	11.2		"	10.0		112	77-128		1.94	30	
Bromodichloromethane	11.2		"	10.0		112	79-128		2.04	30	
Bromoform	10.7		"	10.0		107	78-133		0.187	30	
Bromomethane	7.90		"	10.0		79.0	43-168		6.94	30	
Carbon disulfide	13.0		"	10.0		130	68-146		5.32	30	
Carbon tetrachloride	11.7		"	10.0		117	77-141		5.16	30	
Chlorobenzene	11.5		"	10.0		115	88-120		2.15	30	
Chloroethane	9.23		"	10.0		92.3	65-136		5.89	30	
Chloroform	11.5		"	10.0		115	82-128		2.40	30	
Chloromethane	8.26		"	10.0		82.6	43-155		5.07	30	
cis-1,2-Dichloroethylene	11.5		"	10.0		115	83-129		3.07	30	
cis-1,3-Dichloropropylene	11.8		"	10.0		118	80-131		1.68	30	
Cyclohexane	12.3		"	10.0		123	63-149		5.31	30	
Dibromochloromethane	10.5		"	10.0		105	80-130		1.04	30	
Dibromomethane	11.1		"	10.0		111	72-134		1.26	30	
Dichlorodifluoromethane	9.54		"	10.0		95.4	44-144		6.39	30	
Ethyl Benzene	11.3		"	10.0		113	80-131		3.13	30	
Hexachlorobutadiene	13.5		"	10.0		135	67-146		1.98	30	
Isopropylbenzene	11.8		"	10.0		118	76-140		3.02	30	
Methyl acetate	11.1		"	10.0		111	51-139		0.986	30	
Methyl tert-butyl ether (MTBE)	11.9		"	10.0		119	76-135		1.00	30	
Methylcyclohexane	12.2		"	10.0		122	72-143		4.70	30	
Methylene chloride	10.6		"	10.0		106	55-137		2.60	30	
n-Butylbenzene	12.6		"	10.0		126	79-132		2.12	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40237 - EPA 5030B											
LCS Dup (BI40237-BSD1)								Prepared & Analyzed: 09/05/2024			
n-Propylbenzene	11.7		ug/L	10.0		117	78-133		2.36	30	
o-Xylene	11.6		"	10.0		116	78-130		2.21	30	
p- & m- Xylenes	22.7		"	20.0		114	77-133		2.65	30	
p-Isopropyltoluene	11.3		"	10.0		113	81-136		0.708	30	
sec-Butylbenzene	12.6		"	10.0		126	79-137		2.21	30	
Styrene	11.9		"	10.0		119	67-132		2.15	30	
tert-Butyl alcohol (TBA)	55.9		"	50.0		112	25-162		0.719	30	
tert-Butylbenzene	12.2		"	10.0		122	77-138		2.02	30	
Tetrachloroethylene	10.6		"	10.0		106	82-131		5.25	30	
Toluene	11.2		"	10.0		112	80-127		2.55	30	
trans-1,2-Dichloroethylene	11.8		"	10.0		118	80-132		4.47	30	
trans-1,3-Dichloropropylene	11.4		"	10.0		114	78-131		2.17	30	
Trichloroethylene	10.8		"	10.0		108	82-128		3.71	30	
Trichlorofluoromethane	9.61		"	10.0		96.1	67-139		5.47	30	
Vinyl Chloride	9.89		"	10.0		98.9	58-145		5.70	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.04*		*"*	*10.0*		*90.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.82*		*"*	*10.0*		*98.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.64*		*"*	*10.0*		*96.4*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40161 - EPA 3550C											
Blank (BI40161-BLK1)											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								

Prepared: 09/04/2024 Analyzed: 09/05/2024

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40161 - EPA 3550C											
Blank (BI40161-BLK1)											Prepared: 09/04/2024 Analyzed: 09/05/2024
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
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	*0.971*		"	*1.66*		*58.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.812*		"	*1.66*		*48.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.609*		"	*0.831*		*73.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.487*		"	*0.831*		*58.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.999*		"	*1.66*		*60.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.577*		"	*0.831*		*69.4*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40161 - EPA 3550C											
LCS (BI40161-BS1)									Prepared: 09/04/2024 Analyzed: 09/05/2024		
1,1-Biphenyl	0.634	0.0416	mg/kg wet	0.831		76.3	18-111				
1,2,4,5-Tetrachlorobenzene	0.643	0.0830	"	0.831		77.4	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.667	0.0416	"	0.831		80.3	17-137				
2,3,4,6-Tetrachlorophenol	0.838	0.0830	"	0.831		101	30-130				
2,4,5-Trichlorophenol	0.655	0.0416	"	0.831		78.8	27-118				
2,4,6-Trichlorophenol	0.712	0.0416	"	0.831		85.8	31-120				
2,4-Dichlorophenol	0.680	0.0416	"	0.831		81.9	20-127				
2,4-Dimethylphenol	0.622	0.0416	"	0.831		74.8	14-132				
2,4-Dinitrophenol	0.781	0.0830	"	0.831		94.0	10-171				
2,4-Dinitrotoluene	0.816	0.0416	"	0.831		98.3	34-131				
2,6-Dinitrotoluene	0.819	0.0416	"	0.831		98.6	31-128				
2-Chloronaphthalene	0.638	0.0416	"	0.831		76.8	31-117				
2-Chlorophenol	0.628	0.0416	"	0.831		75.6	33-113				
2-Methylnaphthalene	0.617	0.0416	"	0.831		74.3	12-138				
2-Methylphenol	0.573	0.0416	"	0.831		69.0	10-136				
2-Nitroaniline	0.778	0.0830	"	0.831		93.6	27-132				
2-Nitrophenol	0.738	0.0416	"	0.831		88.9	17-129				
3- & 4-Methylphenols	0.505	0.0416	"	0.831		60.8	29-103				
3,3-Dichlorobenzidine	0.534	0.0416	"	0.831		64.2	22-149				
3-Nitroaniline	0.635	0.0830	"	0.831		76.5	20-133				
4,6-Dinitro-2-methylphenol	0.783	0.0830	"	0.831		94.2	10-143				
4-Bromophenyl phenyl ether	0.657	0.0416	"	0.831		79.2	29-120				
4-Chloro-3-methylphenol	0.696	0.0416	"	0.831		83.8	24-129				
4-Chloroaniline	0.447	0.0416	"	0.831		53.8	10-132				
4-Chlorophenyl phenyl ether	0.627	0.0416	"	0.831		75.5	27-124				
4-Nitroaniline	0.614	0.0830	"	0.831		74.0	16-128				
4-Nitrophenol	0.578	0.0830	"	0.831		69.6	10-141				
Acenaphthene	0.607	0.0416	"	0.831		73.1	30-121				
Acenaphthylene	0.621	0.0416	"	0.831		74.7	30-115				
Acetophenone	0.598	0.0416	"	0.831		72.0	20-112				
Aniline	0.384	0.166	"	0.831		46.3	10-119				
Anthracene	0.672	0.0416	"	0.831		81.0	34-118				
Atrazine	0.786	0.0416	"	0.831		94.7	26-112				
Benzaldehyde	0.422	0.0416	"	0.831		50.8	21-100				
Benzo(a)anthracene	0.667	0.0416	"	0.831		80.4	32-122				
Benzo(a)pyrene	0.570	0.0416	"	0.831		68.6	29-133				
Benzo(b)fluoranthene	0.614	0.0416	"	0.831		73.9	25-133				
Benzo(g,h,i)perylene	0.611	0.0416	"	0.831		73.6	10-143				
Benzo(k)fluoranthene	0.586	0.0416	"	0.831		70.6	25-128				
Benzoic acid	0.454	0.0416	"	0.831		54.7	10-140				
Benzyl alcohol	0.568	0.0416	"	0.831		68.4	30-115				
Benzyl butyl phthalate	0.849	0.0416	"	0.831		102	26-126				
Bis(2-chloroethoxy)methane	0.586	0.0416	"	0.831		70.6	19-132				
Bis(2-chloroethyl)ether	0.566	0.0416	"	0.831		68.2	19-125				
Bis(2-chloroisopropyl)ether	0.527	0.0416	"	0.831		63.5	20-135				
Bis(2-ethylhexyl)phthalate	0.850	0.0416	"	0.831		102	10-155				
Caprolactam	0.663	0.0830	"	0.831		79.8	10-127				
Carbazole	0.609	0.0416	"	0.831		73.3	35-123				
Chrysene	0.618	0.0416	"	0.831		74.4	32-123				
Dibenzo(a,h)anthracene	0.592	0.0416	"	0.831		71.3	10-136				
Dibenzofuran	0.628	0.0416	"	0.831		75.6	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40161 - EPA 3550C											
LCS (BI40161-BS1)									Prepared: 09/04/2024 Analyzed: 09/05/2024		
Diethyl phthalate	0.673	0.0416	mg/kg wet	0.831		81.0	34-116				
Dimethyl phthalate	0.647	0.0416	"	0.831		77.8	35-124				
Di-n-butyl phthalate	0.721	0.0416	"	0.831		86.8	31-116				
Di-n-octyl phthalate	0.904	0.0416	"	0.831		109	26-136				
Diphenylamine	0.703	0.0830	"	0.831		84.7	40-140				
Fluoranthene	0.651	0.0416	"	0.831		78.4	33-122				
Fluorene	0.630	0.0416	"	0.831		75.8	29-123				
Hexachlorobenzene	0.773	0.0416	"	0.831		93.1	21-124				
Hexachlorobutadiene	0.644	0.0416	"	0.831		77.5	10-149				
Hexachlorocyclopentadiene	0.157	0.0416	"	0.831		18.9	10-129				
Hexachloroethane	0.646	0.0416	"	0.831		77.7	28-108				
Indeno(1,2,3-cd)pyrene	0.735	0.0416	"	0.831		88.4	10-135				
Isophorone	0.648	0.0416	"	0.831		78.0	20-132				
Naphthalene	0.629	0.0416	"	0.831		75.7	23-124				
Nitrobenzene	0.735	0.0416	"	0.831		88.5	13-132				
N-Nitrosodimethylamine	0.554	0.0416	"	0.831		66.8	11-129				
N-nitroso-di-n-propylamine	0.577	0.0416	"	0.831		69.4	24-119				
N-Nitrosodiphenylamine	0.653	0.0416	"	0.831		78.6	22-152				
Pentachlorophenol	0.499	0.0416	"	0.831		60.0	10-139				
Phenanthrene	0.675	0.0416	"	0.831		81.3	33-123				
Phenol	0.629	0.0416	"	0.831		75.7	23-115				
Pyrene	0.763	0.0416	"	0.831		91.9	24-130				
Pyridine	0.487	0.166	"	0.831		58.6	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.27*		"	*1.66*		*76.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.17*		"	*1.66*		*70.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.794*		"	*0.831*		*95.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.665*		"	*0.831*		*80.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.31*		"	*1.66*		*79.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.793*		"	*0.831*		*95.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
Blank (BI40224-BLK1)											
Prepared: 09/05/2024 Analyzed: 09/06/2024											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
Blank (BI40224-BLK1)											Prepared: 09/05/2024 Analyzed: 09/06/2024
Surrogate: SURR: 2-Fluorophenol	*12.2*		*ug/L*	*50.0*		*24.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*5.36*		*"*	*50.0*		*10.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.0*		*"*	*25.0*		*60.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.8*		*"*	*25.0*		*47.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*41.6*		*"*	*50.0*		*83.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*13.9*		*"*	*25.0*		*55.6*	*30.7-106*				
Blank (BI40224-BLK2)											Prepared: 09/05/2024 Analyzed: 09/06/2024
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
LCS (BI40224-BS1)								Prepared: 09/05/2024 Analyzed: 09/06/2024			
1,1-Biphenyl	9.94	5.00	ug/L	25.0		39.8	33-95				
1,2,4,5-Tetrachlorobenzene	10.9	5.00	"	25.0		43.6	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	10.2	5.00	"	25.0		40.8	16-141				
2,3,4,6-Tetrachlorophenol	10.6	5.00	"	25.0		42.2	30-130				
2,4,5-Trichlorophenol	9.61	5.00	"	25.0		38.4	32-114				
2,4,6-Trichlorophenol	11.0	5.00	"	25.0		44.0	35-118				
2,4-Dichlorophenol	10.9	5.00	"	25.0		43.7	25-116				
2,4-Dimethylphenol	9.43	5.00	"	25.0		37.7	15-116				
2,4-Dinitrophenol	10.7	5.00	"	25.0		42.7	10-170				
2,4-Dinitrotoluene	13.5	5.00	"	25.0		54.2	41-128				
2,6-Dinitrotoluene	12.8	5.00	"	25.0		51.0	45-116				
2-Chloronaphthalene	9.60	5.00	"	25.0		38.4	33-112				
2-Chlorophenol	9.48	5.00	"	25.0		37.9	15-120				
2-Methylnaphthalene	10.1	5.00	"	25.0		40.6	24-118				
2-Methylphenol	8.14	5.00	"	25.0		32.6	10-110				
2-Nitroaniline	11.1	5.00	"	25.0		44.5	34-129				
2-Nitrophenol	12.6	5.00	"	25.0		50.2	28-118				
3- & 4-Methylphenols	6.95	5.00	"	25.0		27.8	10-107				
3,3-Dichlorobenzidine	7.93	5.00	"	25.0		31.7	15-187				
3-Nitroaniline	11.8	5.00	"	25.0		47.2	24-134				
4,6-Dinitro-2-methylphenol	19.8	5.00	"	25.0		79.4	10-153				
4-Bromophenyl phenyl ether	13.2	5.00	"	25.0		53.0	34-120				
4-Chloro-3-methylphenol	11.6	5.00	"	25.0		46.5	20-120				
4-Chloroaniline	9.02	5.00	"	25.0		36.1	10-147				
4-Chlorophenyl phenyl ether	11.4	5.00	"	25.0		45.7	27-121				
4-Nitroaniline	11.2	5.00	"	25.0		44.7	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	11.0	5.00	"	25.0		43.9	25-110				
Aniline	11.5	5.00	"	25.0		45.8	10-117				
Benzaldehyde	6.86	5.00	"	25.0		27.4	29-117	Low Bias			
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	6.93	5.00	"	25.0		27.7	10-117				
Benzyl butyl phthalate	8.36	5.00	"	25.0		33.4	29-133				
Bis(2-chloroethoxy)methane	11.3	5.00	"	25.0		45.0	10-154				
Bis(2-chloroethyl)ether	16.5	5.00	"	25.0		66.0	17-125				
Bis(2-chloroisopropyl)ether	9.98	5.00	"	25.0		39.9	10-139				
Caprolactam	2.50	5.00	"	25.0		10.0	10-137				
Carbazole	9.82	5.00	"	25.0		39.3	42-126	Low Bias			
Dibenzofuran	9.98	5.00	"	25.0		39.9	36-113				
Diethyl phthalate	10.3	5.00	"	25.0		41.3	38-115				
Dimethyl phthalate	10.5	5.00	"	25.0		42.0	38-129				
Di-n-butyl phthalate	10.5	5.00	"	25.0		42.2	31-120				
Di-n-octyl phthalate	7.08	5.00	"	25.0		28.3	21-149				
Diphenylamine	12.0	5.00	"	25.0		47.9	40-140				
Hexachlorocyclopentadiene	6.84	10.0	"	25.0		27.4	10-130				
Isophorone	10.9	5.00	"	25.0		43.7	25-127				
N-nitroso-di-n-propylamine	9.80	5.00	"	25.0		39.2	26-122				
N-Nitrosodiphenylamine	11.8	5.00	"	25.0		47.4	23-149				
Phenol	3.92	5.00	"	25.0		15.7	10-110				
Pyridine	ND	5.00	"	35.0			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*11.6*		*"*	*50.0*		*23.2*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
LCS (BI40224-BS1)								Prepared: 09/05/2024 Analyzed: 09/06/2024			
Surrogate: SURR: Phenol-d6	*6.16*		*ug/L*	*50.0*		*12.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.7*		*"*	*25.0*		*50.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.0*		*"*	*25.0*		*43.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*41.0*		*"*	*50.0*		*82.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.4*		*"*	*25.0*		*57.5*	*30.7-106*				
LCS (BI40224-BS2)								Prepared: 09/05/2024 Analyzed: 09/06/2024			
Acenaphthene	0.560	0.0500	ug/L	1.00		56.0	25-116				
Acenaphthylene	0.600	0.0500	"	1.00		60.0	26-116				
Anthracene	0.620	0.0500	"	1.00		62.0	25-123				
Benzo(a)anthracene	0.550	0.0500	"	1.00		55.0	33-125				
Benzo(a)pyrene	0.580	0.0500	"	1.00		58.0	32-132				
Benzo(b)fluoranthene	0.560	0.0500	"	1.00		56.0	22-137				
Benzo(g,h,i)perylene	0.920	0.0500	"	1.00		92.0	10-138				
Benzo(k)fluoranthene	0.580	0.0500	"	1.00		58.0	20-137				
Bis(2-ethylhexyl)phthalate	0.590	0.500	"	1.00		59.0	10-189				
Chrysene	0.550	0.0500	"	1.00		55.0	32-124				
Dibenzo(a,h)anthracene	1.02	0.0500	"	1.00		102	16-133				
Fluoranthene	0.680	0.0500	"	1.00		68.0	32-121				
Fluorene	0.590	0.0500	"	1.00		59.0	28-118				
Hexachlorobenzene	0.100	0.0200	"	1.00		10.0	23-124	Low Bias			
Hexachlorobutadiene	0.650	0.500	"	1.00		65.0	15-123				
Hexachloroethane	0.650	0.500	"	1.00		65.0	18-115				
Indeno(1,2,3-cd)pyrene	0.950	0.0500	"	1.00		95.0	15-135				
Naphthalene	0.570	0.0500	"	1.00		57.0	18-120				
Nitrobenzene	0.420	0.250	"	1.00		42.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.15	0.250	"	1.00		115	10-156				
Phenanthrene	0.610	0.0500	"	1.00		61.0	24-127				
Pyrene	0.460	0.0500	"	1.00		46.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
LCS Dup (BI40224-BSD1)								Prepared: 09/05/2024 Analyzed: 09/06/2024			
1,1-Biphenyl	21.3	5.00	ug/L	25.0		85.0	33-95		72.6	20	Non-dir.
1,2,4,5-Tetrachlorobenzene	22.6	5.00	"	25.0		90.5	26-120		69.9	20	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	20.3	5.00	"	25.0		81.2	16-141		66.1	20	Non-dir.
2,3,4,6-Tetrachlorophenol	21.5	5.00	"	25.0		86.0	30-130		68.2	20	Non-dir.
2,4,5-Trichlorophenol	20.3	5.00	"	25.0		81.2	32-114		71.5	20	Non-dir.
2,4,6-Trichlorophenol	23.2	5.00	"	25.0		92.8	35-118		71.4	20	Non-dir.
2,4-Dichlorophenol	22.3	5.00	"	25.0		89.2	25-116		68.6	20	Non-dir.
2,4-Dimethylphenol	16.3	5.00	"	25.0		65.4	15-116		53.6	20	Non-dir.
2,4-Dinitrophenol	40.8	5.00	"	25.0		163	10-170		117	20	Non-dir.
2,4-Dinitrotoluene	28.2	5.00	"	25.0		113	41-128		70.2	20	Non-dir.
2,6-Dinitrotoluene	26.6	5.00	"	25.0		106	45-116		70.2	20	Non-dir.
2-Chloronaphthalene	20.1	5.00	"	25.0		80.5	33-112		70.8	20	Non-dir.
2-Chlorophenol	18.1	5.00	"	25.0		72.4	15-120		62.6	20	Non-dir.
2-Methylnaphthalene	21.3	5.00	"	25.0		85.2	24-118		71.0	20	Non-dir.
2-Methylphenol	14.9	5.00	"	25.0		59.6	10-110		58.6	20	Non-dir.
2-Nitroaniline	22.7	5.00	"	25.0		90.8	34-129		68.4	20	Non-dir.
2-Nitrophenol	27.0	5.00	"	25.0		108	28-118		72.9	20	Non-dir.
3- & 4-Methylphenols	12.4	5.00	"	25.0		49.8	10-107		56.7	20	Non-dir.
3,3-Dichlorobenzidine	15.6	5.00	"	25.0		62.4	15-187		65.1	20	Non-dir.
3-Nitroaniline	13.4	5.00	"	25.0		53.4	24-134		12.3	20	
4,6-Dinitro-2-methylphenol	45.8	5.00	"	25.0		183	10-153	High Bias	79.2	20	Non-dir.
4-Bromophenyl phenyl ether	26.0	5.00	"	25.0		104	34-120		65.2	20	Non-dir.
4-Chloro-3-methylphenol	21.6	5.00	"	25.0		86.6	20-120		60.3	20	Non-dir.
4-Chloroaniline	8.86	5.00	"	25.0		35.4	10-147		1.79	20	
4-Chlorophenyl phenyl ether	23.0	5.00	"	25.0		92.0	27-121		67.2	20	Non-dir.
4-Nitroaniline	17.2	5.00	"	25.0		68.9	13-134		42.7	20	Non-dir.
4-Nitrophenol	5.94	5.00	"	25.0		23.8	10-131		38.1	20	Non-dir.
Acetophenone	23.0	5.00	"	25.0		92.2	25-110		70.9	20	Non-dir.
Aniline	17.7	5.00	"	25.0		70.9	10-117		42.9	20	Non-dir.
Benzaldehyde	14.2	5.00	"	25.0		56.9	29-117		69.8	20	Non-dir.
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	10.8	5.00	"	25.0		43.2	10-117		43.6	20	Non-dir.
Benzyl butyl phthalate	16.7	5.00	"	25.0		66.7	29-133		66.5	20	Non-dir.
Bis(2-chloroethoxy)methane	23.2	5.00	"	25.0		92.8	10-154		69.3	20	Non-dir.
Bis(2-chloroethyl)ether	25.5	5.00	"	25.0		102	17-125		42.9	20	Non-dir.
Bis(2-chloroisopropyl)ether	21.2	5.00	"	25.0		84.8	10-139		72.0	20	Non-dir.
Caprolactam	3.68	5.00	"	25.0		14.7	10-137		38.2	20	Non-dir.
Carbazole	19.6	5.00	"	25.0		78.2	42-126		66.3	20	Non-dir.
Dibenzofuran	20.4	5.00	"	25.0		81.6	36-113		68.6	20	Non-dir.
Diethyl phthalate	20.2	5.00	"	25.0		80.7	38-115		64.7	20	Non-dir.
Dimethyl phthalate	21.0	5.00	"	25.0		84.0	38-129		66.6	20	Non-dir.
Di-n-butyl phthalate	20.2	5.00	"	25.0		81.0	31-120		63.0	20	Non-dir.
Di-n-octyl phthalate	17.0	5.00	"	25.0		68.2	21-149		82.6	20	Non-dir.
Diphenylamine	23.9	5.00	"	25.0		95.6	40-140		66.5	20	Non-dir.
Hexachlorocyclopentadiene	16.1	10.0	"	25.0		64.2	10-130		80.5	20	Non-dir.
Isophorone	23.2	5.00	"	25.0		93.0	25-127		72.1	20	Non-dir.
N-nitroso-di-n-propylamine	21.1	5.00	"	25.0		84.2	26-122		73.0	20	Non-dir.
N-Nitrosodiphenylamine	23.6	5.00	"	25.0		94.5	23-149		66.5	20	Non-dir.
Phenol	6.76	5.00	"	25.0		27.0	10-110		53.2	20	Non-dir.
Pyridine	2.63	5.00	"	35.0		7.51	10-90	Low Bias	10.4	20	
Surrogate: SURR: 2-Fluorophenol	*20.2*		*"*	*50.0*		*40.4*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
LCS Dup (BI40224-BSD1)											
Surrogate: SURR: Phenol-d6	*10.9*		*ug/L*	*50.0*		*21.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*26.0*		*"*	*25.0*		*104*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*21.9*		*"*	*25.0*		*87.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*78.9*		*"*	*50.0*		*158*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.5*		*"*	*25.0*		*94.2*	*30.7-106*				

Prepared: 09/05/2024 Analyzed: 09/06/2024

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40186 - EPA 3050B											
Blank (BI40186-BLK1)										Prepared: 09/04/2024 Analyzed: 09/06/2024	
Antimony	ND	1.74	mg/kg wet								
Arsenic	ND	1.04	"								
Beryllium	0.050	0.035	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Nickel	ND	0.692	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Thallium	ND	1.74	"								
Zinc	ND	1.73	"								
Duplicate (BI40186-DUP1)	*Source sample: 24I0046-02 (SB-25 (1-3))									Prepared: 09/04/2024 Analyzed: 09/06/2024	
Antimony	ND	2.08	mg/kg dry		ND					35	
Arsenic	8.30	1.25	"		9.40				12.4	35	
Beryllium	0.420	0.042	"		0.340				21.1	35	
Cadmium	ND	0.250	"		ND					35	
Chromium	13.7	0.417	"		13.0				5.40	35	
Copper	21.2	1.67	"		26.0				20.6	35	
Lead	31.9	0.417	"		38.2				18.0	35	
Nickel	16.3	0.830	"		15.0				7.73	35	
Selenium	ND	2.08	"		ND					35	
Silver	ND	0.420	"		ND					35	
Thallium	ND	2.08	"		ND					35	
Zinc	31.7	2.07	"		29.5				7.26	35	
Matrix Spike (BI40186-MS1)	*Source sample: 24I0046-02 (SB-25 (1-3))									Prepared: 09/04/2024 Analyzed: 09/06/2024	
Antimony	9.15	2.08	mg/kg dry	25.0	ND	36.6	75-125	Low Bias			
Arsenic	240	1.25	"	200	9.40	115	75-125				
Beryllium	5.65	0.042	"	5.00	0.340	106	75-125				
Cadmium	5.71	0.250	"	5.00	ND	114	75-125				
Chromium	37.9	0.417	"	20.0	13.0	124	75-125				
Copper	58.8	1.67	"	25.0	26.0	131	75-125	High Bias			
Lead	130	0.417	"	50.0	38.2	184	75-125	High Bias			
Nickel	71.8	0.830	"	50.0	15.0	114	75-125				
Selenium	210	2.08	"	200	ND	105	75-125				
Silver	5.37	0.420	"	5.00	ND	107	75-125				
Thallium	220	2.08	"	200	ND	110	75-125				
Zinc	103	2.07	"	50.0	29.5	147	75-125	High Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40186 - EPA 3050B											
Post Spike (BI40186-PS1)	*Source sample: 24I0046-02 (SB-25 (1-3))									Prepared: 09/04/2024 Analyzed: 09/06/2024	
Antimony	0.255		ug/mL	0.250	-0.004	102	75-125				
Arsenic	2.09		"	2.00	0.094	99.8	75-125				
Beryllium	0.054		"	0.0500	0.003	101	75-125				
Cadmium	0.048		"	0.0500	0.001	94.6	75-125				
Chromium	0.328		"	0.200	0.130	99.1	75-125				
Copper	0.540		"	0.250	0.260	112	75-125				
Lead	0.855		"	0.500	0.382	94.6	75-125				
Nickel	0.657		"	0.500	0.150	101	75-125				
Selenium	1.89		"	2.00	-0.0009	94.7	75-125				
Silver	0.059		"	0.0500	0.0002	118	75-125				
Thallium	1.95		"	2.00	-0.0003	97.5	75-125				
Zinc	0.764		"	0.500	0.295	93.8	75-125				
Reference (BI40186-SRM1)										Prepared: 09/04/2024 Analyzed: 09/06/2024	
Antimony	72.3	1.74	mg/kg wet	244		29.6	0-99.5				
Arsenic	259	1.04	"	283		91.6	69.9-101.4				
Beryllium	176	0.035	"	175		100	75.4-107.4				
Cadmium	86.5	0.208	"	95.8		90.3	72.3-103.7				
Chromium	234	0.348	"	239		97.9	72.4-106.3				
Copper	229	1.39	"	217		105	74.7-105.1				
Lead	204	0.348	"	210		97.0	75.7-109.5				
Nickel	332	0.692	"	329		101	74.5-106.7				
Selenium	281	1.74	"	281		100	77.6-116.7				
Silver	82.6	0.350	"	82.7		99.8	73.7-111.7				
Thallium	114	1.74	"	123		92.4	70.2-104.8				
Zinc	247	1.73	"	260		94.8	72.7-109.2				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40251 - EPA 3050B											
Blank (BI40251-BLK1)											Prepared: 09/05/2024 Analyzed: 09/06/2024
Antimony	ND	1.74	mg/kg wet								
Arsenic	ND	1.04	"								
Beryllium	ND	0.035	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Nickel	ND	0.692	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Thallium	ND	1.74	"								
Zinc	ND	1.73	"								
Reference (BI40251-SRM1)											Prepared: 09/05/2024 Analyzed: 09/06/2024
Antimony	69.9	1.74	mg/kg wet	244		28.7	0-99.5				
Arsenic	250	1.04	"	283		88.4	69.9-101.4				
Beryllium	151	0.035	"	175		86.5	75.4-107.4				
Cadmium	83.2	0.208	"	95.8		86.8	72.3-103.7				
Chromium	216	0.348	"	239		90.2	72.4-106.3				
Copper	214	1.39	"	217		98.5	74.7-105.1				
Lead	191	0.348	"	210		91.0	75.7-109.5				
Nickel	308	0.692	"	329		93.7	74.5-106.7				
Selenium	286	1.74	"	281		102	77.6-116.7				
Silver	61.7	0.350	"	82.7		74.7	73.7-111.7				
Thallium	103	1.74	"	123		83.9	70.2-104.8				
Zinc	230	1.73	"	260		88.5	72.7-109.2				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40240 - EPA 3015A											
Blank (BI40240-BLK1)											Prepared: 09/05/2024 Analyzed: 09/06/2024
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Chromium	ND	1.11	"								
Copper	ND	1.11	"								
Lead	ND	1.11	"								
Nickel	ND	1.11	"								
Selenium	ND	1.11	"								
Silver	ND	1.11	"								
Thallium	ND	1.11	"								
Zinc	ND	1.11	"								
LCS (BI40240-BS1)											Prepared: 09/05/2024 Analyzed: 09/06/2024
Antimony	46.6		ug/L	50.0		93.2	80-120				
Arsenic	48.5		"	50.0		97.0	80-120				
Beryllium	49.0		"	50.0		98.0	80-120				
Cadmium	49.7		"	50.0		99.3	80-120				
Chromium	49.3		"	50.0		98.6	80-120				
Copper	48.8		"	50.0		97.6	80-120				
Lead	47.5		"	50.0		94.9	80-120				
Nickel	48.1		"	50.0		96.2	80-120				
Selenium	47.7		"	50.0		95.4	80-120				
Silver	50.4		"	50.0		101	80-120				
Thallium	50.1		"	50.0		100	80-120				
Zinc	60.8		"	50.0		122	80-120	High Bias			

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40258 - EPA 7473 soil											
Blank (BI40258-BLK1)									Prepared: 09/05/2024 Analyzed: 09/06/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BI40258-SRM1)									Prepared: 09/05/2024 Analyzed: 09/06/2024		
Mercury	17.381		mg/kg	18.2		95.5	59.9-140.1				
Batch BI40323 - EPA SW846-7470A											
Blank (BI40323-BLK1)									Prepared & Analyzed: 09/06/2024		
Mercury	ND	0.0002	mg/L								
Blank (BI40323-BLK2)									Prepared & Analyzed: 09/06/2024		
Mercury	ND	0.0002	mg/L								
LCS (BI40323-BS1)									Prepared & Analyzed: 09/06/2024		
Mercury	0.0021922	0.0002	mg/L	0.00200		110	80-120				
LCS (BI40323-BS2)									Prepared & Analyzed: 09/06/2024		
Mercury	0.0020525	0.0002	mg/L	0.00200		103	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I0046-01	SB-42 (20-23)	2 oz. WM Clear Glass Cool to 4° C
24I0046-02	SB-25 (1-3)	2 oz. WM Clear Glass Cool to 4° C
24I0046-03	RB_8.30.24	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I0046-04	SB-52 (25-27)	2 oz. WM Clear Glass Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
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

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24I0046

Report To:	Invoice To:
Company: HRP Associates, Inc.	Company: →
Address: 1 Fairchild Sq Suite 110 Clifton Park NY	Address: →
Phone.: 518 877 7101	Phone.: →
Contact: Elliott Jackson	Contact: Cassy George
E-mail: elliott.jackson@hrpassociates.com	E-mail: cassy.george@hrpassociates.com

YOUR Project Name / Number: Remington Arms / HERS10.P2

PO Number:

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.

Elliott Jackson / [signature]

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:	TCL VOCs	TCL SVOCs	PP Metals	Grab or Comp. G/C
SB-42 (20-23)	8/30/24	930	S	2										X	X	X	G
SB-25 (1-3)	↓	1210	S	2										X	X	X	G
RB_8.30.24	↓	1500	GW	2	3		1							X	X	X	
SB-52 (25-27)	↓	1355	S	2										X	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

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) NYSDEC Part-375 SCOs

Field Filtered

Lab Filtered

Comments: Send copy to Ted.Walker@hrpassociates.com

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

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

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature] HRP	9/3/24 1200	[signature]	9/3/24 1200	[signature]	9/3/24 1500
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)
				[signature]	9/3/24 15:00 5.7

Technical Report

prepared for:

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

Report Date: 09/06/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24H2129

Report Date: 09/06/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24H2129

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

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 August 30, 2024 and listed below. The project was identified as your project: **Remington Arms/HER1510.P2**.

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
24H2129-01	SB-47 (25-27)	Soil	08/29/2024	08/30/2024
24H2129-02	SB-45 (28-30)	Soil	08/29/2024	08/30/2024
24H2129-03	SB-46 (20-23)	Soil	08/29/2024	08/30/2024
24H2129-04	RB_8.29.24	Water	08/29/2024	08/30/2024

General Notes for York Project (SDG) No.: 24H2129

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

Approved By: 

Date: 09/06/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB-47 (25-27) **York Sample ID:** 24H2129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 11:30 am	08/30/2024

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

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	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**0.59**		mg/kg dry	0.26	0.53	100	EPA 8260C	09/04/2024 10:00	09/04/2024 15:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.082	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE, IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-47 (25-27)

York Sample ID: 24H2129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 11:30 am	08/30/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-CONT

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	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	IS-HI	mg/kg dry	0.0041	0.0082	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	**Acrolein**	**0.032**	CCVE, ICVE, IS-HI	mg/kg dry	0.0041	0.0082	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	**Benzene**	**0.0023**	J, IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	**Chlorobenzene**	**0.014**		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**4.7**		mg/kg dry	0.26	0.53	100	EPA 8260C	09/04/2024 10:00	09/04/2024 15:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-47 (25-27) **York Sample ID:** 24H2129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 11:30 am	08/30/2024

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

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	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**0.0058**		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**0.20**		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**0.72**	VOA-E	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND	IS-HI	mg/kg dry	0.0041	0.0082	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.71**		mg/kg dry	0.26	0.53	100	EPA 8260C	09/04/2024 10:00	09/04/2024 15:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**0.89**		mg/kg dry	0.26	0.53	100	EPA 8260C	09/04/2024 10:00	09/04/2024 15:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	**o-Xylene**	**0.0078**		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	**p- & m- Xylenes**	**0.0093**		mg/kg dry	0.0041	0.0082	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	**p-Isopropyltoluene**	**0.15**		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.55**		mg/kg dry	0.26	0.53	100	EPA 8260C	09/04/2024 10:00	09/04/2024 15:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**0.0066**		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-47 (25-27) **York Sample ID:** 24H2129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 11:30 am	08/30/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-CONT

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	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	IS-HI	mg/kg dry	0.0020	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	**Xylenes, Total**	**0.017**		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*189 %*	IS-HI, S-04, S-08	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*207 %*	S-04, S-08	*76-130*

SVOA, 8270 MASTER

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	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0897	0.179	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-47 (25-27) **York Sample ID:** 24H2129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 11:30 am	08/30/2024

SVOA, 8270 MASTER

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	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0897	0.179	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.359	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-47 (25-27) **York Sample ID:** 24H2129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 11:30 am	08/30/2024

SVOA, 8270 MASTER **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		mg/kg dry	0.180	0.359	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-47 (25-27) **York Sample ID:** 24H2129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 11:30 am	08/30/2024

SVOA, 8270 MASTER

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
122-39-4	Diphenylamine	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.359	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*80.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*99.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.7 %*	*21-113*

Sample Information

Client Sample ID: SB-47 (25-27) **York Sample ID:** 24H2129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 11:30 am	08/30/2024

SVOA, 8270 MASTER

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*	*78.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.0 %*			*24-116*						

Metals, Priority Pollutant

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	1.89	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**14.8**		mg/kg dry	1.13	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.389**	B	mg/kg dry	0.038	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.226	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.9**		mg/kg dry	0.378	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**32.8**		mg/kg dry	1.51	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**12.0**		mg/kg dry	0.378	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.6**		mg/kg dry	0.752	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.89	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.380	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.89	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**63.9**		mg/kg dry	1.88	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	0.0326	1	EPA 7473	09/03/2024 13:20	09/04/2024 14:52	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

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

Sample Information

Client Sample ID: **SB-47 (25-27)** **York Sample ID:** **24H2129-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 11:30 am	08/30/2024

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	**92.0**		%	0.100	1	SM 2540G	09/03/2024 07:07	09/03/2024 14:53	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-45 (28-30) **York Sample ID:** 24H2129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 2:05 pm	08/30/2024

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

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	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								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	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**0.0025**	J	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-45 (28-30) **York Sample ID:** 24H2129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 2:05 pm	08/30/2024

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

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	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.012**	ICVE, QL-02	mg/kg dry	0.0050	0.010	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-45 (28-30) **York Sample ID:** 24H2129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 2:05 pm	08/30/2024

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

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	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0051**	J	mg/kg dry	0.0050	0.010	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.0038**	J	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-45 (28-30) **York Sample ID:** 24H2129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 2:05 pm	08/30/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-CONT

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	0.0025	0.0050	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	09/04/2024 10:00	09/04/2024 11:54	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

SVOA, 8270 MASTER

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	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0923	0.184	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-45 (28-30) **York Sample ID:** 24H2129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 2:05 pm	08/30/2024

SVOA, 8270 MASTER

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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0923	0.184	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.369	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.369	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-45 (28-30) **York Sample ID:** 24H2129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 2:05 pm	08/30/2024

SVOA, 8270 MASTER

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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-45 (28-30) **York Sample ID:** 24H2129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 2:05 pm	08/30/2024

SVOA, 8270 MASTER

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	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.369	2	EPA 8270D	09/04/2024 13:46	09/05/2024 12:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*71.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*59.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*91.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.7 %*	*24-116*

Sample Information

Client Sample ID: SB-45 (28-30) **York Sample ID:** 24H2129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 2:05 pm	08/30/2024

Metals, Priority Pollutant

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	1.94	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.28**		mg/kg dry	1.16	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.251**	B	mg/kg dry	0.039	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.233	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.8**		mg/kg dry	0.388	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**22.7**		mg/kg dry	1.55	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**5.96**		mg/kg dry	0.388	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.8**		mg/kg dry	0.773	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.94	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.391	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.94	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**48.1**		mg/kg dry	1.93	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	0.0335	1	EPA 7473	09/03/2024 13:20	09/04/2024 14:52	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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	09/03/2024 07:07	09/03/2024 14:53	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

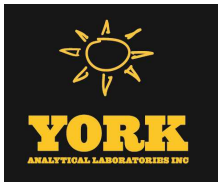
Client Sample ID: SB-46 (20-23) **York Sample ID:** 24H2129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 3:50 pm	08/30/2024

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

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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**0.43**	VOA-E	mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**0.036**		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0032**	J, CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		



Sample Information

Client Sample ID: SB-46 (20-23) **York Sample ID:** 24H2129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 3:50 pm	08/30/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-CONT

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	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.013**	ICVE, QL-02	mg/kg dry	0.0044	0.0087	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0044	0.0087	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**0.053**		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-46 (20-23) **York Sample ID:** 24H2129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 3:50 pm	08/30/2024

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

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	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**0.011**		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.029**		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**0.065**		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**0.011**		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.023**		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-46 (20-23) **York Sample ID:** 24H2129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 3:50 pm	08/30/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-CONT

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	0.0022	0.0044	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:30	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

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	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0914	0.183	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-46 (20-23) **York Sample ID:** 24H2129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 3:50 pm	08/30/2024

SVOA, 8270 MASTER

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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0914	0.183	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-46 (20-23) **York Sample ID:** 24H2129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 3:50 pm	08/30/2024

SVOA, 8270 MASTER

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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-46 (20-23) **York Sample ID:** 24H2129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 3:50 pm	08/30/2024

SVOA, 8270 MASTER **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	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	09/04/2024 13:46	09/05/2024 13:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*80.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*101 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*102 %*	*24-116*

Sample Information

Client Sample ID: SB-46 (20-23) **York Sample ID:** 24H2129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Soil	August 29, 2024 3:50 pm	08/30/2024

Metals, Priority Pollutant

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	1.92	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**15.4**		mg/kg dry	1.15	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.360**	B	mg/kg dry	0.039	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.231	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.8**		mg/kg dry	0.385	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**29.1**		mg/kg dry	1.54	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**8.55**		mg/kg dry	0.385	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.4**		mg/kg dry	0.766	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.92	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.388	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.92	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**48.9**		mg/kg dry	1.91	1	EPA 6010D	09/04/2024 16:40	09/06/2024 12:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	0.0332	1	EPA 7473	09/03/2024 13:20	09/04/2024 14:52	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,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**	**90.3**		%	0.100	1	SM 2540G	09/03/2024 07:07	09/03/2024 14:53	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **RB_8.29.24** **York Sample ID:** **24H2129-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Water	August 29, 2024 3:00 pm	08/30/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_8.29.24 **York Sample ID:** 24H2129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Water	August 29, 2024 3:00 pm	08/30/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.43**		ug/L	0.245	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**17.2**		ug/L	0.243	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: RB_8.29.24 **York Sample ID:** 24H2129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Water	August 29, 2024 3:00 pm	08/30/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_8.29.24 **York Sample ID:** 24H2129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Water	August 29, 2024 3:00 pm	08/30/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/04/2024 08:00	09/04/2024 17:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.7 %*	*79-122*

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_8.29.24 **York Sample ID:** 24H2129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Water	August 29, 2024 3:00 pm	08/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_8.29.24 **York Sample ID:** 24H2129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Water	August 29, 2024 3:00 pm	08/30/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 09:39	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.8 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*25.5 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*98.3 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*106 %*	S-08	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*121 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*109 %*	S-08	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: **RB_8.29.24** **York Sample ID:** **24H2129-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Water	August 29, 2024 3:00 pm	08/30/2024

83-32-9	Acenaphthene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ug/L	0.500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	ug/L	0.500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND	ug/L	0.0200	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND	ug/L	0.500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND	ug/L	0.500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.120**	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	ug/L	0.250	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	ug/L	0.500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	ug/L	0.250	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:11	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_8.29.24 **York Sample ID:** 24H2129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2129	Remington Arms/HER1510.P2	Water	August 29, 2024 3:00 pm	08/30/2024

Metals, Priority Pollutant-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-CCV 1	ug/L	1.11	1	EPA 6020B	09/04/2024 08:38	09/05/2024 16:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	09/04/2024 08:38	09/05/2024 16:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND	M-CCV 1	ug/L	0.333	1	EPA 6020B	09/04/2024 08:38	09/05/2024 16:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	09/04/2024 08:38	09/05/2024 16:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.38**		ug/L	1.11	1	EPA 6020B	09/04/2024 08:38	09/05/2024 16:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**1.37**		ug/L	1.11	1	EPA 6020B	09/04/2024 08:38	09/05/2024 16:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	09/04/2024 08:38	09/05/2024 16:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		ug/L	1.11	1	EPA 6020B	09/04/2024 08:38	09/05/2024 16:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	09/04/2024 08:38	09/05/2024 16:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	09/04/2024 08:38	09/05/2024 16:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/04/2024 08:38	09/05/2024 16:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**12.9**		ug/L	1.11	1	EPA 6020B	09/04/2024 08:38	09/05/2024 16:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/04/2024 15:14	09/04/2024 15:14	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Analytical Batch Summary

Batch ID: BI40018 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H2129-01	SB-47 (25-27)	09/03/24
24H2129-02	SB-45 (28-30)	09/03/24
24H2129-03	SB-46 (20-23)	09/03/24

Batch ID: BI40079 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H2129-01	SB-47 (25-27)	09/03/24
24H2129-02	SB-45 (28-30)	09/03/24
24H2129-03	SB-46 (20-23)	09/03/24
BI40079-BLK1	Blank	09/03/24
BI40079-SRM1	Reference	09/03/24

Batch ID: BI40100 **Preparation Method:** EPA 5035A **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
24H2129-01	SB-47 (25-27)	09/03/24
24H2129-03	SB-46 (20-23)	09/03/24
BI40100-BLK1	Blank	09/03/24
BI40100-BS1	LCS	09/03/24
BI40100-BSD1	LCS Dup	09/03/24

Batch ID: BI40123 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24H2129-04	RB_8.29.24	09/04/24
BI40123-BLK1	Blank	09/04/24
BI40123-BS1	LCS	09/04/24

Batch ID: BI40145 **Preparation Method:** EPA 5035A **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
24H2129-01RE1	SB-47 (25-27)	09/04/24
24H2129-03RE1	SB-46 (20-23)	09/04/24
BI40145-BLK2	Blank	09/04/24
BI40145-BS2	LCS	09/04/24
BI40145-BSD2	LCS Dup	09/04/24

Batch ID: BI40154 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24H2129-04	RB_8.29.24	09/04/24

BI40154-BLK1	Blank	09/04/24
BI40154-BS1	LCS	09/04/24
BI40154-BSD1	LCS Dup	09/04/24

Batch ID: BI40161 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H2129-01	SB-47 (25-27)	09/04/24
24H2129-02	SB-45 (28-30)	09/04/24
24H2129-03	SB-46 (20-23)	09/04/24
BI40161-BLK1	Blank	09/04/24
BI40161-BS1	LCS	09/04/24

Batch ID: BI40178 **Preparation Method:** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
24H2129-02	SB-45 (28-30)	09/04/24
BI40178-BLK1	Blank	09/04/24
BI40178-BS1	LCS	09/04/24
BI40178-BSD1	LCS Dup	09/04/24

Batch ID: BI40181 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24H2129-04	RB_8.29.24	09/04/24
BI40181-BLK1	Blank	09/04/24
BI40181-BS1	LCS	09/04/24

Batch ID: BI40186 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24H2129-01	SB-47 (25-27)	09/04/24
24H2129-02	SB-45 (28-30)	09/04/24
24H2129-03	SB-46 (20-23)	09/04/24
BI40186-BLK1	Blank	09/04/24
BI40186-SRM1	Reference	09/04/24

Batch ID: BI40224 **Preparation Method:** EPA 3510C **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
24H2129-04	RB_8.29.24	09/05/24
BI40224-BLK1	Blank	09/05/24
BI40224-BLK2	Blank	09/05/24
BI40224-BS1	LCS	09/05/24
BI40224-BS2	LCS	09/05/24
BI40224-BSD1	LCS Dup	09/05/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40100 - EPA 5035A											
Blank (BI40100-BLK1)											Prepared & Analyzed: 09/03/2024
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40100 - EPA 5035A											
Blank (BI40100-BLK1)								Prepared & Analyzed: 09/03/2024			
n-Butylbenzene	ND	0.0050	mg/kg wet								
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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*76-130*				
LCS (BI40100-BS1)								Prepared & Analyzed: 09/03/2024			
1,1,1,2-Tetrachloroethane	46.7		ug/L	50.0		93.3	75-129				
1,1,1-Trichloroethane	47.2		"	50.0		94.4	71-137				
1,1,2,2-Tetrachloroethane	48.1		"	50.0		96.2	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.3		"	50.0		94.7	58-146				
1,1,2-Trichloroethane	46.8		"	50.0		93.6	83-123				
1,1-Dichloroethane	46.6		"	50.0		93.1	75-130				
1,1-Dichloroethylene	50.3		"	50.0		101	64-137				
1,2,3-Trichlorobenzene	45.1		"	50.0		90.3	81-140				
1,2,3-Trichloropropane	46.4		"	50.0		92.7	81-126				
1,2,4-Trichlorobenzene	46.2		"	50.0		92.5	80-141				
1,2,4-Trimethylbenzene	47.6		"	50.0		95.3	84-125				
1,2-Dibromo-3-chloropropane	45.4		"	50.0		90.8	74-142				
1,2-Dibromoethane	46.9		"	50.0		93.8	86-123				
1,2-Dichlorobenzene	46.2		"	50.0		92.4	85-122				
1,2-Dichloroethane	49.3		"	50.0		98.6	71-133				
1,2-Dichloropropane	45.2		"	50.0		90.4	81-122				
1,3,5-Trimethylbenzene	46.7		"	50.0		93.4	82-126				
1,3-Dichlorobenzene	44.7		"	50.0		89.4	84-124				
1,4-Dichlorobenzene	44.8		"	50.0		89.7	84-124				
1,4-Dioxane	1020		"	1050		96.9	10-228				
2-Butanone	46.3		"	50.0		92.7	58-147				
2-Hexanone	46.3		"	50.0		92.6	70-139				
4-Methyl-2-pentanone	46.8		"	50.0		93.6	72-132				
Acetone	118		"	50.0		235	36-155	High Bias			
Acrolein	8.07		"	50.0		16.1	10-238				
Acrylonitrile	49.2		"	50.0		98.4	66-141				
Benzene	48.6		"	50.0		97.2	77-127				
Bromochloromethane	46.8		"	50.0		93.7	74-129				
Bromodichloromethane	46.4		"	50.0		92.8	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40100 - EPA 5035A											
LCS (BI40100-BS1)							Prepared & Analyzed: 09/03/2024				
Bromoform	47.6		ug/L	50.0		95.2	80-136				
Bromomethane	47.6		"	50.0		95.1	32-177				
Carbon disulfide	52.2		"	50.0		104	10-136				
Carbon tetrachloride	48.6		"	50.0		97.3	66-143				
Chlorobenzene	46.8		"	50.0		93.6	86-120				
Chloroethane	47.6		"	50.0		95.2	51-142				
Chloroform	48.1		"	50.0		96.2	76-131				
Chloromethane	46.4		"	50.0		92.7	49-132				
cis-1,2-Dichloroethylene	46.7		"	50.0		93.5	74-132				
cis-1,3-Dichloropropylene	44.7		"	50.0		89.4	81-129				
Cyclohexane	43.4		"	50.0		86.8	70-130				
Dibromochloromethane	47.3		"	50.0		94.6	10-200				
Dibromomethane	45.7		"	50.0		91.5	83-124				
Dichlorodifluoromethane	47.5		"	50.0		95.1	28-158				
Ethyl Benzene	47.2		"	50.0		94.4	84-125				
Hexachlorobutadiene	45.6		"	50.0		91.2	83-133				
Isopropylbenzene	46.7		"	50.0		93.5	81-127				
Methyl acetate	40.4		"	50.0		80.8	41-143				
Methyl tert-butyl ether (MTBE)	47.9		"	50.0		95.8	74-131				
Methylcyclohexane	42.1		"	50.0		84.1	70-130				
Methylene chloride	45.6		"	50.0		91.2	57-141				
n-Butylbenzene	46.2		"	50.0		92.4	80-130				
n-Propylbenzene	46.3		"	50.0		92.5	74-136				
o-Xylene	46.6		"	50.0		93.1	83-123				
p- & m- Xylenes	93.9		"	100		93.9	82-128				
p-Isopropyltoluene	47.1		"	50.0		94.2	85-125				
sec-Butylbenzene	46.0		"	50.0		92.1	83-125				
Styrene	46.9		"	50.0		93.8	86-126				
tert-Butyl alcohol (TBA)	258		"	250		103	70-130				
tert-Butylbenzene	46.2		"	50.0		92.4	80-127				
Tetrachloroethylene	42.4		"	50.0		84.7	80-129				
Toluene	46.5		"	50.0		93.1	85-121				
trans-1,2-Dichloroethylene	48.0		"	50.0		96.0	72-132				
trans-1,3-Dichloropropylene	45.6		"	50.0		91.1	78-132				
Trichloroethylene	46.2		"	50.0		92.4	84-123				
Trichlorofluoromethane	49.0		"	50.0		97.9	62-140				
Vinyl Chloride	46.8		"	50.0		93.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.6*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40100 - EPA 5035A											
LCS Dup (BI40100-BSD1)								Prepared & Analyzed: 09/03/2024			
1,1,1,2-Tetrachloroethane	51.1		ug/L	50.0		102	75-129		9.02	30	
1,1,1-Trichloroethane	51.2		"	50.0		102	71-137		8.23	30	
1,1,2,2-Tetrachloroethane	50.8		"	50.0		102	79-129		5.44	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.4		"	50.0		105	58-146		10.2	30	
1,1,2-Trichloroethane	50.2		"	50.0		100	83-123		6.91	30	
1,1-Dichloroethane	50.6		"	50.0		101	75-130		8.36	30	
1,1-Dichloroethylene	55.3		"	50.0		111	64-137		9.44	30	
1,2,3-Trichlorobenzene	48.7		"	50.0		97.4	81-140		7.65	30	
1,2,3-Trichloropropane	50.3		"	50.0		101	81-126		8.09	30	
1,2,4-Trichlorobenzene	49.3		"	50.0		98.5	80-141		6.34	30	
1,2,4-Trimethylbenzene	50.9		"	50.0		102	84-125		6.62	30	
1,2-Dibromo-3-chloropropane	45.2		"	50.0		90.3	74-142		0.574	30	
1,2-Dibromoethane	50.2		"	50.0		100	86-123		6.82	30	
1,2-Dichlorobenzene	48.4		"	50.0		96.8	85-122		4.63	30	
1,2-Dichloroethane	52.3		"	50.0		105	71-133		5.88	30	
1,2-Dichloropropane	49.5		"	50.0		99.0	81-122		9.09	30	
1,3,5-Trimethylbenzene	50.5		"	50.0		101	82-126		7.74	30	
1,3-Dichlorobenzene	47.5		"	50.0		94.9	84-124		5.97	30	
1,4-Dichlorobenzene	48.0		"	50.0		96.0	84-124		6.81	30	
1,4-Dioxane	1080		"	1050		103	10-228		6.07	30	
2-Butanone	46.7		"	50.0		93.4	58-147		0.753	30	
2-Hexanone	48.3		"	50.0		96.7	70-139		4.31	30	
4-Methyl-2-pentanone	48.3		"	50.0		96.5	72-132		3.07	30	
Acetone	125		"	50.0		250	36-155	High Bias	6.18	30	
Acrolein	6.78		"	50.0		13.6	10-238		17.4	30	
Acrylonitrile	53.4		"	50.0		107	66-141		8.19	30	
Benzene	53.2		"	50.0		106	77-127		8.98	30	
Bromochloromethane	49.6		"	50.0		99.1	74-129		5.62	30	
Bromodichloromethane	50.2		"	50.0		100	81-124		7.97	30	
Bromoform	52.1		"	50.0		104	80-136		9.04	30	
Bromomethane	51.6		"	50.0		103	32-177		8.25	30	
Carbon disulfide	56.0		"	50.0		112	10-136		6.99	30	
Carbon tetrachloride	52.2		"	50.0		104	66-143		7.06	30	
Chlorobenzene	50.9		"	50.0		102	86-120		8.51	30	
Chloroethane	51.2		"	50.0		102	51-142		7.31	30	
Chloroform	51.8		"	50.0		104	76-131		7.39	30	
Chloromethane	50.1		"	50.0		100	49-132		7.67	30	
cis-1,2-Dichloroethylene	50.7		"	50.0		101	74-132		8.13	30	
cis-1,3-Dichloropropylene	48.4		"	50.0		96.8	81-129		8.03	30	
Cyclohexane	46.9		"	50.0		93.8	70-130		7.71	30	
Dibromochloromethane	51.7		"	50.0		103	10-200		8.95	30	
Dibromomethane	48.8		"	50.0		97.5	83-124		6.39	30	
Dichlorodifluoromethane	49.5		"	50.0		99.0	28-158		4.06	30	
Ethyl Benzene	51.5		"	50.0		103	84-125		8.79	30	
Hexachlorobutadiene	48.7		"	50.0		97.3	83-133		6.49	30	
Isopropylbenzene	50.6		"	50.0		101	81-127		7.85	30	
Methyl acetate	42.4		"	50.0		84.9	41-143		4.93	30	
Methyl tert-butyl ether (MTBE)	51.8		"	50.0		104	74-131		7.86	30	
Methylcyclohexane	45.2		"	50.0		90.5	70-130		7.28	30	
Methylene chloride	49.6		"	50.0		99.2	57-141		8.34	30	
n-Butylbenzene	48.9		"	50.0		97.9	80-130		5.72	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40100 - EPA 5035A											
LCS Dup (BI40100-BSD1)								Prepared & Analyzed: 09/03/2024			
n-Propylbenzene	49.6		ug/L	50.0		99.2	74-136		6.95	30	
o-Xylene	51.1		"	50.0		102	83-123		9.35	30	
p- & m- Xylenes	102		"	100		102	82-128		7.93	30	
p-Isopropyltoluene	50.6		"	50.0		101	85-125		7.16	30	
sec-Butylbenzene	49.4		"	50.0		98.9	83-125		7.08	30	
Styrene	51.8		"	50.0		104	86-126		9.81	30	
tert-Butyl alcohol (TBA)	273		"	250		109	70-130		5.90	30	
tert-Butylbenzene	49.4		"	50.0		98.9	80-127		6.73	30	
Tetrachloroethylene	46.1		"	50.0		92.2	80-129		8.43	30	
Toluene	50.9		"	50.0		102	85-121		8.89	30	
trans-1,2-Dichloroethylene	51.6		"	50.0		103	72-132		7.13	30	
trans-1,3-Dichloropropylene	49.0		"	50.0		98.1	78-132		7.38	30	
Trichloroethylene	50.6		"	50.0		101	84-123		9.15	30	
Trichlorofluoromethane	52.6		"	50.0		105	62-140		7.19	30	
Vinyl Chloride	50.7		"	50.0		101	52-130		7.90	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.0*	*76-130*				
Batch BI40145 - EPA 5035A											
Blank (BI40145-BLK2)								Prepared & Analyzed: 09/04/2024			
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40145 - EPA 5035A											
Blank (BI40145-BLK2)									Prepared & Analyzed: 09/04/2024		
Bromoform	ND	0.50	mg/kg wet								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*ug/L*	*50.0*		*97.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.2*		*"*	*50.0*		*96.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40145 - EPA 5035A											
LCS (BI40145-BS2)							Prepared & Analyzed: 09/04/2024				
1,1,1,2-Tetrachloroethane	46.5		ug/L	50.0		93.1	75-129				
1,1,1-Trichloroethane	45.3		"	50.0		90.7	71-137				
1,1,2,2-Tetrachloroethane	45.9		"	50.0		91.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.8		"	50.0		91.7	58-146				
1,1,2-Trichloroethane	44.2		"	50.0		88.3	83-123				
1,1-Dichloroethane	43.8		"	50.0		87.5	75-130				
1,1-Dichloroethylene	45.7		"	50.0		91.4	64-137				
1,2,3-Trichlorobenzene	45.6		"	50.0		91.2	81-140				
1,2,3-Trichloropropane	46.2		"	50.0		92.4	81-126				
1,2,4-Trichlorobenzene	47.0		"	50.0		93.9	80-141				
1,2,4-Trimethylbenzene	44.3		"	50.0		88.6	84-125				
1,2-Dibromo-3-chloropropane	46.7		"	50.0		93.4	74-142				
1,2-Dibromoethane	47.0		"	50.0		94.0	86-123				
1,2-Dichlorobenzene	45.5		"	50.0		90.9	85-122				
1,2-Dichloroethane	43.8		"	50.0		87.6	71-133				
1,2-Dichloropropane	42.3		"	50.0		84.6	81-122				
1,3,5-Trimethylbenzene	44.1		"	50.0		88.2	82-126				
1,3-Dichlorobenzene	44.7		"	50.0		89.4	84-124				
1,4-Dichlorobenzene	44.5		"	50.0		88.9	84-124				
1,4-Dioxane	1020		"	1050		97.4	10-228				
2-Butanone	48.4		"	50.0		96.9	58-147				
2-Hexanone	41.4		"	50.0		82.7	70-139				
4-Methyl-2-pentanone	41.6		"	50.0		83.2	72-132				
Acetone	121		"	50.0		242	36-155	High Bias			
Acrolein	6.87		"	50.0		13.7	10-238				
Acrylonitrile	52.1		"	50.0		104	66-141				
Benzene	47.9		"	50.0		95.7	77-127				
Bromochloromethane	43.6		"	50.0		87.3	74-129				
Bromodichloromethane	43.1		"	50.0		86.1	81-124				
Bromoform	43.3		"	50.0		86.7	80-136				
Bromomethane	43.6		"	50.0		87.2	32-177				
Carbon disulfide	51.9		"	50.0		104	10-136				
Carbon tetrachloride	48.2		"	50.0		96.3	66-143				
Chlorobenzene	45.7		"	50.0		91.5	86-120				
Chloroethane	39.9		"	50.0		79.7	51-142				
Chloroform	45.5		"	50.0		91.0	76-131				
Chloromethane	42.8		"	50.0		85.5	49-132				
cis-1,2-Dichloroethylene	44.2		"	50.0		88.4	74-132				
cis-1,3-Dichloropropylene	41.3		"	50.0		82.6	81-129				
Cyclohexane	43.2		"	50.0		86.3	70-130				
Dibromochloromethane	42.4		"	50.0		84.9	10-200				
Dibromomethane	43.3		"	50.0		86.6	83-124				
Dichlorodifluoromethane	45.6		"	50.0		91.2	28-158				
Ethyl Benzene	44.1		"	50.0		88.1	84-125				
Hexachlorobutadiene	47.2		"	50.0		94.3	83-133				
Isopropylbenzene	43.5		"	50.0		87.1	81-127				
Methyl acetate	44.3		"	50.0		88.6	41-143				
Methyl tert-butyl ether (MTBE)	46.4		"	50.0		92.8	74-131				
Methylcyclohexane	41.4		"	50.0		82.8	70-130				
Methylene chloride	43.2		"	50.0		86.4	57-141				
n-Butylbenzene	41.5		"	50.0		83.0	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40145 - EPA 5035A											
LCS (BI40145-BS2)							Prepared & Analyzed: 09/04/2024				
n-Propylbenzene	42.0		ug/L	50.0		83.9	74-136				
o-Xylene	43.1		"	50.0		86.2	83-123				
p- & m- Xylenes	84.6		"	100		84.6	82-128				
p-Isopropyltoluene	44.4		"	50.0		88.8	85-125				
sec-Butylbenzene	43.2		"	50.0		86.5	83-125				
Styrene	44.9		"	50.0		89.9	86-126				
tert-Butyl alcohol (TBA)	224		"	250		89.6	70-130				
tert-Butylbenzene	43.5		"	50.0		87.0	80-127				
Tetrachloroethylene	41.9		"	50.0		83.8	80-129				
Toluene	43.9		"	50.0		87.8	85-121				
trans-1,2-Dichloroethylene	44.0		"	50.0		88.1	72-132				
trans-1,3-Dichloropropylene	41.9		"	50.0		83.7	78-132				
Trichloroethylene	43.6		"	50.0		87.1	84-123				
Trichlorofluoromethane	50.2		"	50.0		100	62-140				
Vinyl Chloride	38.7		"	50.0		77.4	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.6*		*"*	*50.0*		*95.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.7*		*"*	*50.0*		*93.4*	*76-130*				
LCS Dup (BI40145-BSD2)							Prepared & Analyzed: 09/04/2024				
1,1,1,2-Tetrachloroethane	51.0		ug/L	50.0		102	75-129		9.11	30	
1,1,1-Trichloroethane	48.3		"	50.0		96.5	71-137		6.28	30	
1,1,2,2-Tetrachloroethane	51.7		"	50.0		103	79-129		11.9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.1		"	50.0		96.3	58-146		4.90	30	
1,1,2-Trichloroethane	49.3		"	50.0		98.6	83-123		11.0	30	
1,1-Dichloroethane	46.0		"	50.0		91.9	75-130		4.88	30	
1,1-Dichloroethylene	46.0		"	50.0		92.1	64-137		0.763	30	
1,2,3-Trichlorobenzene	49.5		"	50.0		99.0	81-140		8.20	30	
1,2,3-Trichloropropane	50.7		"	50.0		101	81-126		9.25	30	
1,2,4-Trichlorobenzene	50.5		"	50.0		101	80-141		7.35	30	
1,2,4-Trimethylbenzene	46.2		"	50.0		92.4	84-125		4.20	30	
1,2-Dibromo-3-chloropropane	51.9		"	50.0		104	74-142		10.5	30	
1,2-Dibromoethane	52.4		"	50.0		105	86-123		10.9	30	
1,2-Dichlorobenzene	49.5		"	50.0		99.1	85-122		8.55	30	
1,2-Dichloroethane	47.0		"	50.0		93.9	71-133		6.96	30	
1,2-Dichloropropane	44.6		"	50.0		89.2	81-122		5.29	30	
1,3,5-Trimethylbenzene	45.8		"	50.0		91.7	82-126		3.91	30	
1,3-Dichlorobenzene	48.3		"	50.0		96.7	84-124		7.80	30	
1,4-Dichlorobenzene	48.0		"	50.0		96.0	84-124		7.70	30	
1,4-Dioxane	1240		"	1050		118	10-228		19.2	30	
2-Butanone	56.1		"	50.0		112	58-147		14.7	30	
2-Hexanone	48.3		"	50.0		96.7	70-139		15.5	30	
4-Methyl-2-pentanone	46.8		"	50.0		93.5	72-132		11.6	30	
Acetone	143		"	50.0		286	36-155	High Bias	16.8	30	
Acrolein	7.55		"	50.0		15.1	10-238		9.43	30	
Acrylonitrile	58.6		"	50.0		117	66-141		11.8	30	
Benzene	50.6		"	50.0		101	77-127		5.64	30	
Bromochloromethane	45.9		"	50.0		91.9	74-129		5.14	30	
Bromodichloromethane	45.6		"	50.0		91.2	81-124		5.75	30	
Bromoform	50.8		"	50.0		102	80-136		15.9	30	
Bromomethane	41.1		"	50.0		82.2	32-177		5.85	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40145 - EPA 5035A											
LCS Dup (BI40145-BSD2)								Prepared & Analyzed: 09/04/2024			
Carbon disulfide	52.1		ug/L	50.0		104	10-136		0.423	30	
Carbon tetrachloride	50.7		"	50.0		101	66-143		5.16	30	
Chlorobenzene	49.0		"	50.0		98.0	86-120		6.84	30	
Chloroethane	35.6		"	50.0		71.3	51-142		11.2	30	
Chloroform	48.2		"	50.0		96.4	76-131		5.76	30	
Chloromethane	42.4		"	50.0		84.8	49-132		0.846	30	
cis-1,2-Dichloroethylene	46.4		"	50.0		92.7	74-132		4.70	30	
cis-1,3-Dichloropropylene	43.8		"	50.0		87.7	81-129		5.92	30	
Cyclohexane	42.8		"	50.0		85.5	70-130		0.954	30	
Dibromochloromethane	47.5		"	50.0		94.9	10-200		11.1	30	
Dibromomethane	46.4		"	50.0		92.8	83-124		6.87	30	
Dichlorodifluoromethane	37.3		"	50.0		74.6	28-158		20.1	30	
Ethyl Benzene	46.4		"	50.0		92.8	84-125		5.13	30	
Hexachlorobutadiene	50.9		"	50.0		102	83-133		7.57	30	
Isopropylbenzene	44.6		"	50.0		89.2	81-127		2.38	30	
Methyl acetate	46.9		"	50.0		93.8	41-143		5.66	30	
Methyl tert-butyl ether (MTBE)	49.2		"	50.0		98.3	74-131		5.82	30	
Methylcyclohexane	40.5		"	50.0		81.1	70-130		2.12	30	
Methylene chloride	44.1		"	50.0		88.3	57-141		2.20	30	
n-Butylbenzene	43.4		"	50.0		86.7	80-130		4.38	30	
n-Propylbenzene	42.9		"	50.0		85.8	74-136		2.14	30	
o-Xylene	46.3		"	50.0		92.6	83-123		7.20	30	
p- & m- Xylenes	89.8		"	100		89.8	82-128		5.92	30	
p-Isopropyltoluene	46.7		"	50.0		93.4	85-125		5.09	30	
sec-Butylbenzene	45.2		"	50.0		90.4	83-125		4.43	30	
Styrene	49.1		"	50.0		98.2	86-126		8.89	30	
tert-Butyl alcohol (TBA)	637		"	250		255	70-130	High Bias	95.9	30	Non-dir.
tert-Butylbenzene	45.8		"	50.0		91.5	80-127		5.06	30	
Tetrachloroethylene	45.0		"	50.0		90.0	80-129		7.14	30	
Toluene	46.0		"	50.0		91.9	85-121		4.61	30	
trans-1,2-Dichloroethylene	46.3		"	50.0		92.5	72-132		4.96	30	
trans-1,3-Dichloropropylene	45.6		"	50.0		91.3	78-132		8.62	30	
Trichloroethylene	45.6		"	50.0		91.1	84-123		4.53	30	
Trichlorofluoromethane	42.5		"	50.0		85.1	62-140		16.5	30	
Vinyl Chloride	37.6		"	50.0		75.1	52-130		2.96	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.6*		*"*	*50.0*		*93.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*45.7*		*"*	*50.0*		*91.4*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40154 - EPA 5030B											
Blank (BI40154-BLK1)									Prepared & Analyzed: 09/04/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40154 - EPA 5030B											
Blank (BI40154-BLK1)								Prepared & Analyzed: 09/04/2024			
n-Propylbenzene	ND	0.500	ug/L								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.33*		*"*	*10.0*		*93.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.63*		*"*	*10.0*		*96.3*	*79-122*				
LCS (BI40154-BS1)								Prepared & Analyzed: 09/04/2024			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126				
1,1,1-Trichloroethane	9.94		"	10.0		99.4	78-136				
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165				
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123				
1,1-Dichloroethane	9.88		"	10.0		98.8	82-129				
1,1-Dichloroethylene	10.9		"	10.0		109	68-138				
1,2,3-Trichlorobenzene	12.3		"	10.0		123	76-136				
1,2,3-Trichloropropane	9.87		"	10.0		98.7	77-128				
1,2,4-Trichlorobenzene	12.4		"	10.0		124	76-137				
1,2,4-Trimethylbenzene	10.9		"	10.0		109	82-132				
1,2-Dibromo-3-chloropropane	8.79		"	10.0		87.9	45-147				
1,2-Dibromoethane	10.6		"	10.0		106	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	9.36		"	10.0		93.6	73-132				
1,2-Dichloropropane	10.1		"	10.0		101	78-126				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131				
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
1,4-Dioxane	209		"	210		99.6	10-349				
2-Butanone	8.85		"	10.0		88.5	49-152				
2-Hexanone	7.79		"	10.0		77.9	51-146				
4-Methyl-2-pentanone	10.1		"	10.0		101	57-145				
Acetone	17.8		"	10.0		178	14-150	High Bias			
Acrolein	3.37		"	10.0		33.7	10-153				
Acrylonitrile	10.5		"	10.0		105	51-150				
Benzene	11.0		"	10.0		110	85-126				
Bromochloromethane	9.73		"	10.0		97.3	77-128				
Bromodichloromethane	10.0		"	10.0		100	79-128				
Bromoform	9.70		"	10.0		97.0	78-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40154 - EPA 5030B											
LCS (BI40154-BS1)								Prepared & Analyzed: 09/04/2024			
Bromomethane	4.94		ug/L	10.0		49.4	43-168				
Carbon disulfide	12.5		"	10.0		125	68-146				
Carbon tetrachloride	10.1		"	10.0		101	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	8.60		"	10.0		86.0	65-136				
Chloroform	9.95		"	10.0		99.5	82-128				
Chloromethane	7.74		"	10.0		77.4	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131				
Cyclohexane	11.0		"	10.0		110	63-149				
Dibromochloromethane	9.47		"	10.0		94.7	80-130				
Dibromomethane	9.84		"	10.0		98.4	72-134				
Dichlorodifluoromethane	10.7		"	10.0		107	44-144				
Ethyl Benzene	10.3		"	10.0		103	80-131				
Hexachlorobutadiene	11.8		"	10.0		118	67-146				
Isopropylbenzene	10.5		"	10.0		105	76-140				
Methyl acetate	8.94		"	10.0		89.4	51-139				
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135				
Methylcyclohexane	10.8		"	10.0		108	72-143				
Methylene chloride	9.77		"	10.0		97.7	55-137				
n-Butylbenzene	11.1		"	10.0		111	79-132				
n-Propylbenzene	10.3		"	10.0		103	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	20.2		"	20.0		101	77-133				
p-Isopropyltoluene	9.92		"	10.0		99.2	81-136				
sec-Butylbenzene	10.9		"	10.0		109	79-137				
Styrene	10.8		"	10.0		108	67-132				
tert-Butyl alcohol (TBA)	55.4		"	50.0		111	25-162				
tert-Butylbenzene	10.8		"	10.0		108	77-138				
Tetrachloroethylene	5.35		"	10.0		53.5	82-131	Low Bias			
Toluene	10.3		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131				
Trichloroethylene	9.56		"	10.0		95.6	82-128				
Trichlorofluoromethane	8.97		"	10.0		89.7	67-139				
Vinyl Chloride	9.09		"	10.0		90.9	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.91*		*"*	*10.0*		*89.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.71*		*"*	*10.0*		*97.1*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40154 - EPA 5030B											
LCS Dup (BI40154-BSD1)								Prepared & Analyzed: 09/04/2024			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126		3.89	30	
1,1,1-Trichloroethane	10.1		"	10.0		101	78-136		1.79	30	
1,1,2,2-Tetrachloroethane	11.9		"	10.0		119	76-129		6.49	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	54-165		0.534	30	
1,1,2-Trichloroethane	10.8		"	10.0		108	82-123		6.59	30	
1,1-Dichloroethane	10.2		"	10.0		102	82-129		3.09	30	
1,1-Dichloroethylene	11.0		"	10.0		110	68-138		1.37	30	
1,2,3-Trichlorobenzene	13.1		"	10.0		131	76-136		6.24	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		5.80	30	
1,2,4-Trichlorobenzene	13.0		"	10.0		130	76-137		4.57	30	
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132		1.91	30	
1,2-Dibromo-3-chloropropane	9.56		"	10.0		95.6	45-147		8.39	30	
1,2-Dibromoethane	11.1		"	10.0		111	83-124		5.16	30	
1,2-Dichlorobenzene	10.8		"	10.0		108	79-123		4.17	30	
1,2-Dichloroethane	9.79		"	10.0		97.9	73-132		4.49	30	
1,2-Dichloropropane	10.3		"	10.0		103	78-126		2.65	30	
1,3,5-Trimethylbenzene	10.9		"	10.0		109	80-131		1.66	30	
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122		3.20	30	
1,4-Dichlorobenzene	10.8		"	10.0		108	85-124		5.01	30	
1,4-Dioxane	224		"	210		107	10-349		6.92	30	
2-Butanone	9.48		"	10.0		94.8	49-152		6.87	30	
2-Hexanone	8.30		"	10.0		83.0	51-146		6.34	30	
4-Methyl-2-pentanone	10.8		"	10.0		108	57-145		6.12	30	
Acetone	19.3		"	10.0		193	14-150	High Bias	8.05	30	
Acrolein	3.68		"	10.0		36.8	10-153		8.79	30	
Acrylonitrile	11.8		"	10.0		118	51-150		11.6	30	
Benzene	11.3		"	10.0		113	85-126		2.70	30	
Bromochloromethane	10.1		"	10.0		101	77-128		3.43	30	
Bromodichloromethane	10.3		"	10.0		103	79-128		2.56	30	
Bromoform	10.2		"	10.0		102	78-133		5.03	30	
Bromomethane	5.48		"	10.0		54.8	43-168		10.4	30	
Carbon disulfide	12.6		"	10.0		126	68-146		0.958	30	
Carbon tetrachloride	10.4		"	10.0		104	77-141		2.63	30	
Chlorobenzene	10.7		"	10.0		107	88-120		2.56	30	
Chloroethane	8.45		"	10.0		84.5	65-136		1.76	30	
Chloroform	10.2		"	10.0		102	82-128		2.68	30	
Chloromethane	7.38		"	10.0		73.8	43-155		4.76	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		2.92	30	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	80-131		3.43	30	
Cyclohexane	11.0		"	10.0		110	63-149		0.273	30	
Dibromochloromethane	9.93		"	10.0		99.3	80-130		4.74	30	
Dibromomethane	10.2		"	10.0		102	72-134		3.79	30	
Dichlorodifluoromethane	9.54		"	10.0		95.4	44-144		11.4	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		2.39	30	
Hexachlorobutadiene	12.1		"	10.0		121	67-146		2.18	30	
Isopropylbenzene	10.7		"	10.0		107	76-140		1.60	30	
Methyl acetate	9.46		"	10.0		94.6	51-139		5.65	30	
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	76-135		3.65	30	
Methylcyclohexane	10.9		"	10.0		109	72-143		0.735	30	
Methylene chloride	9.71		"	10.0		97.1	55-137		0.616	30	
n-Butylbenzene	11.2		"	10.0		112	79-132		0.895	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40154 - EPA 5030B											
LCS Dup (BI40154-BSD1)								Prepared & Analyzed: 09/04/2024			
n-Propylbenzene	10.4		ug/L	10.0		104	78-133		1.35	30	
o-Xylene	10.7		"	10.0		107	78-130		2.85	30	
p- & m- Xylenes	20.7		"	20.0		103	77-133		2.30	30	
p-Isopropyltoluene	10.1		"	10.0		101	81-136		1.40	30	
sec-Butylbenzene	11.0		"	10.0		110	79-137		0.912	30	
Styrene	11.2		"	10.0		112	67-132		3.63	30	
tert-Butyl alcohol (TBA)	59.6		"	50.0		119	25-162		7.22	30	
tert-Butylbenzene	10.9		"	10.0		109	77-138		0.925	30	
Tetrachloroethylene	5.44		"	10.0		54.4	82-131	Low Bias	1.67	30	
Toluene	10.5		"	10.0		105	80-127		2.11	30	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132		2.16	30	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-131		4.14	30	
Trichloroethylene	9.75		"	10.0		97.5	82-128		1.97	30	
Trichlorofluoromethane	8.98		"	10.0		89.8	67-139		0.111	30	
Vinyl Chloride	9.00		"	10.0		90.0	58-145		0.995	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.05*		*"*	*10.0*		*90.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.65*		*"*	*10.0*		*96.5*	*79-122*				
Batch BI40178 - EPA 5035A											
Blank (BI40178-BLK1)								Prepared & Analyzed: 09/04/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40178 - EPA 5035A											
Blank (BI40178-BLK1)									Prepared & Analyzed: 09/04/2024		
Bromoform	ND	0.0050	mg/kg wet								
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	"								
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)	0.0047	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.8*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40178 - EPA 5035A											
LCS (BI40178-BS1)								Prepared & Analyzed: 09/04/2024			
1,1,1,2-Tetrachloroethane	39.8		ug/L	50.0		79.7	75-129				
1,1,1-Trichloroethane	51.0		"	50.0		102	71-137				
1,1,2,2-Tetrachloroethane	48.0		"	50.0		96.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.2		"	50.0		108	58-146				
1,1,2-Trichloroethane	47.7		"	50.0		95.4	83-123				
1,1-Dichloroethane	50.2		"	50.0		100	75-130				
1,1-Dichloroethylene	58.3		"	50.0		117	64-137				
1,2,3-Trichlorobenzene	47.4		"	50.0		94.9	81-140				
1,2,3-Trichloropropane	45.6		"	50.0		91.1	81-126				
1,2,4-Trichlorobenzene	52.2		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	49.5		"	50.0		99.0	84-125				
1,2-Dibromo-3-chloropropane	46.2		"	50.0		92.5	74-142				
1,2-Dibromoethane	49.2		"	50.0		98.4	86-123				
1,2-Dichlorobenzene	47.6		"	50.0		95.2	85-122				
1,2-Dichloroethane	53.6		"	50.0		107	71-133				
1,2-Dichloropropane	49.2		"	50.0		98.4	81-122				
1,3,5-Trimethylbenzene	49.4		"	50.0		98.9	82-126				
1,3-Dichlorobenzene	48.0		"	50.0		95.9	84-124				
1,4-Dichlorobenzene	47.1		"	50.0		94.2	84-124				
1,4-Dioxane	969		"	1050		92.3	10-228				
2-Butanone	49.4		"	50.0		98.8	58-147				
2-Hexanone	48.2		"	50.0		96.4	70-139				
4-Methyl-2-pentanone	49.6		"	50.0		99.2	72-132				
Acetone	116		"	50.0		233	36-155	High Bias			
Acrolein	11.5		"	50.0		23.1	10-238				
Acrylonitrile	50.4		"	50.0		101	66-141				
Benzene	52.9		"	50.0		106	77-127				
Bromochloromethane	51.3		"	50.0		103	74-129				
Bromodichloromethane	49.9		"	50.0		99.8	81-124				
Bromoform	40.8		"	50.0		81.6	80-136				
Bromomethane	63.9		"	50.0		128	32-177				
Carbon disulfide	59.6		"	50.0		119	10-136				
Carbon tetrachloride	45.5		"	50.0		91.1	66-143				
Chlorobenzene	49.0		"	50.0		98.0	86-120				
Chloroethane	58.9		"	50.0		118	51-142				
Chloroform	51.5		"	50.0		103	76-131				
Chloromethane	48.7		"	50.0		97.5	49-132				
cis-1,2-Dichloroethylene	51.5		"	50.0		103	74-132				
cis-1,3-Dichloropropylene	48.6		"	50.0		97.2	81-129				
Cyclohexane	51.1		"	50.0		102	70-130				
Dibromochloromethane	43.9		"	50.0		87.8	10-200				
Dibromomethane	48.2		"	50.0		96.4	83-124				
Dichlorodifluoromethane	51.4		"	50.0		103	28-158				
Ethyl Benzene	52.7		"	50.0		105	84-125				
Hexachlorobutadiene	44.2		"	50.0		88.4	83-133				
Isopropylbenzene	48.2		"	50.0		96.3	81-127				
Methyl acetate	42.8		"	50.0		85.6	41-143				
Methyl tert-butyl ether (MTBE)	53.6		"	50.0		107	74-131				
Methylcyclohexane	47.3		"	50.0		94.7	70-130				
Methylene chloride	52.8		"	50.0		106	57-141				
n-Butylbenzene	52.1		"	50.0		104	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40178 - EPA 5035A											
LCS (BI40178-BS1)							Prepared & Analyzed: 09/04/2024				
n-Propylbenzene	49.4		ug/L	50.0		98.8	74-136				
o-Xylene	51.4		"	50.0		103	83-123				
p- & m- Xylenes	110		"	100		110	82-128				
p-Isopropyltoluene	51.1		"	50.0		102	85-125				
sec-Butylbenzene	48.3		"	50.0		96.6	83-125				
Styrene	50.8		"	50.0		102	86-126				
tert-Butyl alcohol (TBA)	245		"	250		98.2	70-130				
tert-Butylbenzene	46.2		"	50.0		92.5	80-127				
Tetrachloroethylene	38.5		"	50.0		77.0	80-129	Low Bias			
Toluene	50.5		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	53.0		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	49.4		"	50.0		98.7	78-132				
Trichloroethylene	49.0		"	50.0		98.0	84-123				
Trichlorofluoromethane	59.0		"	50.0		118	62-140				
Vinyl Chloride	54.2		"	50.0		108	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.4*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*76-130*				
LCS Dup (BI40178-BSD1)							Prepared & Analyzed: 09/04/2024				
1,1,1,2-Tetrachloroethane	46.5		ug/L	50.0		93.0	75-129		15.4	30	
1,1,1-Trichloroethane	57.9		"	50.0		116	71-137		12.6	30	
1,1,2,2-Tetrachloroethane	57.3		"	50.0		115	79-129		17.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60.0		"	50.0		120	58-146		10.0	30	
1,1,2-Trichloroethane	55.5		"	50.0		111	83-123		15.1	30	
1,1-Dichloroethane	57.1		"	50.0		114	75-130		12.8	30	
1,1-Dichloroethylene	64.0		"	50.0		128	64-137		9.33	30	
1,2,3-Trichlorobenzene	55.0		"	50.0		110	81-140		14.7	30	
1,2,3-Trichloropropane	53.8		"	50.0		108	81-126		16.5	30	
1,2,4-Trichlorobenzene	59.4		"	50.0		119	80-141		12.9	30	
1,2,4-Trimethylbenzene	55.8		"	50.0		112	84-125		12.1	30	
1,2-Dibromo-3-chloropropane	56.4		"	50.0		113	74-142		19.7	30	
1,2-Dibromoethane	57.6		"	50.0		115	86-123		15.7	30	
1,2-Dichlorobenzene	54.4		"	50.0		109	85-122		13.3	30	
1,2-Dichloroethane	63.0		"	50.0		126	71-133		16.0	30	
1,2-Dichloropropane	55.4		"	50.0		111	81-122		11.8	30	
1,3,5-Trimethylbenzene	55.3		"	50.0		111	82-126		11.2	30	
1,3-Dichlorobenzene	55.2		"	50.0		110	84-124		14.1	30	
1,4-Dichlorobenzene	53.7		"	50.0		107	84-124		13.1	30	
1,4-Dioxane	1210		"	1050		115	10-228		21.8	30	
2-Butanone	60.5		"	50.0		121	58-147		20.1	30	
2-Hexanone	57.0		"	50.0		114	70-139		16.8	30	
4-Methyl-2-pentanone	57.2		"	50.0		114	72-132		14.3	30	
Acetone	154		"	50.0		308	36-155	High Bias	27.8	30	
Acrolein	12.4		"	50.0		24.7	10-238		6.94	30	
Acrylonitrile	59.0		"	50.0		118	66-141		15.9	30	
Benzene	59.9		"	50.0		120	77-127		12.4	30	
Bromochloromethane	59.0		"	50.0		118	74-129		14.1	30	
Bromodichloromethane	57.3		"	50.0		115	81-124		13.7	30	
Bromoform	49.4		"	50.0		98.8	80-136		19.1	30	
Bromomethane	67.8		"	50.0		136	32-177		5.91	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40178 - EPA 5035A											
LCS Dup (BI40178-BSD1)								Prepared & Analyzed: 09/04/2024			
Carbon disulfide	64.6		ug/L	50.0		129	10-136		8.02	30	
Carbon tetrachloride	51.8		"	50.0		104	66-143		12.9	30	
Chlorobenzene	56.1		"	50.0		112	86-120		13.6	30	
Chloroethane	62.4		"	50.0		125	51-142		5.74	30	
Chloroform	58.7		"	50.0		117	76-131		13.0	30	
Chloromethane	47.3		"	50.0		94.6	49-132		3.00	30	
cis-1,2-Dichloroethylene	58.0		"	50.0		116	74-132		11.9	30	
cis-1,3-Dichloropropylene	55.9		"	50.0		112	81-129		13.9	30	
Cyclohexane	53.3		"	50.0		107	70-130		4.10	30	
Dibromochloromethane	51.7		"	50.0		103	10-200		16.4	30	
Dibromomethane	56.2		"	50.0		112	83-124		15.4	30	
Dichlorodifluoromethane	41.7		"	50.0		83.4	28-158		20.8	30	
Ethyl Benzene	59.9		"	50.0		120	84-125		12.8	30	
Hexachlorobutadiene	49.1		"	50.0		98.2	83-133		10.5	30	
Isopropylbenzene	54.0		"	50.0		108	81-127		11.5	30	
Methyl acetate	47.9		"	50.0		95.9	41-143		11.3	30	
Methyl tert-butyl ether (MTBE)	60.5		"	50.0		121	74-131		12.1	30	
Methylcyclohexane	48.9		"	50.0		97.7	70-130		3.20	30	
Methylene chloride	59.3		"	50.0		119	57-141		11.7	30	
n-Butylbenzene	58.0		"	50.0		116	80-130		10.6	30	
n-Propylbenzene	55.6		"	50.0		111	74-136		11.9	30	
o-Xylene	58.4		"	50.0		117	83-123		12.6	30	
p- & m- Xylenes	125		"	100		125	82-128		12.8	30	
p-Isopropyltoluene	57.9		"	50.0		116	85-125		12.5	30	
sec-Butylbenzene	54.0		"	50.0		108	83-125		11.2	30	
Styrene	58.4		"	50.0		117	86-126		14.0	30	
tert-Butyl alcohol (TBA)	292		"	250		117	70-130		17.5	30	
tert-Butylbenzene	52.0		"	50.0		104	80-127		11.7	30	
Tetrachloroethylene	43.4		"	50.0		86.7	80-129		11.9	30	
Toluene	57.1		"	50.0		114	85-121		12.2	30	
trans-1,2-Dichloroethylene	59.5		"	50.0		119	72-132		11.7	30	
trans-1,3-Dichloropropylene	56.8		"	50.0		114	78-132		13.9	30	
Trichloroethylene	55.0		"	50.0		110	84-123		11.5	30	
Trichlorofluoromethane	63.1		"	50.0		126	62-140		6.69	30	
Vinyl Chloride	55.1		"	50.0		110	52-130		1.76	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.0*		*"*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*97.9*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40161 - EPA 3550C											
Blank (BI40161-BLK1)											
Prepared: 09/04/2024 Analyzed: 09/05/2024											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40161 - EPA 3550C											
Blank (BI40161-BLK1)											
Prepared: 09/04/2024 Analyzed: 09/05/2024											
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
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	*0.971*		"	*1.66*		*58.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.812*		"	*1.66*		*48.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.609*		"	*0.831*		*73.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.487*		"	*0.831*		*58.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.999*		"	*1.66*		*60.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.577*		"	*0.831*		*69.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40161 - EPA 3550C											
LCS (BI40161-BS1)									Prepared: 09/04/2024 Analyzed: 09/05/2024		
1,1-Biphenyl	0.634	0.0416	mg/kg wet	0.831		76.3	18-111				
1,2,4,5-Tetrachlorobenzene	0.643	0.0830	"	0.831		77.4	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.667	0.0416	"	0.831		80.3	17-137				
2,3,4,6-Tetrachlorophenol	0.838	0.0830	"	0.831		101	30-130				
2,4,5-Trichlorophenol	0.655	0.0416	"	0.831		78.8	27-118				
2,4,6-Trichlorophenol	0.712	0.0416	"	0.831		85.8	31-120				
2,4-Dichlorophenol	0.680	0.0416	"	0.831		81.9	20-127				
2,4-Dimethylphenol	0.622	0.0416	"	0.831		74.8	14-132				
2,4-Dinitrophenol	0.781	0.0830	"	0.831		94.0	10-171				
2,4-Dinitrotoluene	0.816	0.0416	"	0.831		98.3	34-131				
2,6-Dinitrotoluene	0.819	0.0416	"	0.831		98.6	31-128				
2-Chloronaphthalene	0.638	0.0416	"	0.831		76.8	31-117				
2-Chlorophenol	0.628	0.0416	"	0.831		75.6	33-113				
2-Methylnaphthalene	0.617	0.0416	"	0.831		74.3	12-138				
2-Methylphenol	0.573	0.0416	"	0.831		69.0	10-136				
2-Nitroaniline	0.778	0.0830	"	0.831		93.6	27-132				
2-Nitrophenol	0.738	0.0416	"	0.831		88.9	17-129				
3- & 4-Methylphenols	0.505	0.0416	"	0.831		60.8	29-103				
3,3-Dichlorobenzidine	0.534	0.0416	"	0.831		64.2	22-149				
3-Nitroaniline	0.635	0.0830	"	0.831		76.5	20-133				
4,6-Dinitro-2-methylphenol	0.783	0.0830	"	0.831		94.2	10-143				
4-Bromophenyl phenyl ether	0.657	0.0416	"	0.831		79.2	29-120				
4-Chloro-3-methylphenol	0.696	0.0416	"	0.831		83.8	24-129				
4-Chloroaniline	0.447	0.0416	"	0.831		53.8	10-132				
4-Chlorophenyl phenyl ether	0.627	0.0416	"	0.831		75.5	27-124				
4-Nitroaniline	0.614	0.0830	"	0.831		74.0	16-128				
4-Nitrophenol	0.578	0.0830	"	0.831		69.6	10-141				
Acenaphthene	0.607	0.0416	"	0.831		73.1	30-121				
Acenaphthylene	0.621	0.0416	"	0.831		74.7	30-115				
Acetophenone	0.598	0.0416	"	0.831		72.0	20-112				
Aniline	0.384	0.166	"	0.831		46.3	10-119				
Anthracene	0.672	0.0416	"	0.831		81.0	34-118				
Atrazine	0.786	0.0416	"	0.831		94.7	26-112				
Benzaldehyde	0.422	0.0416	"	0.831		50.8	21-100				
Benzo(a)anthracene	0.667	0.0416	"	0.831		80.4	32-122				
Benzo(a)pyrene	0.570	0.0416	"	0.831		68.6	29-133				
Benzo(b)fluoranthene	0.614	0.0416	"	0.831		73.9	25-133				
Benzo(g,h,i)perylene	0.611	0.0416	"	0.831		73.6	10-143				
Benzo(k)fluoranthene	0.586	0.0416	"	0.831		70.6	25-128				
Benzoic acid	0.454	0.0416	"	0.831		54.7	10-140				
Benzyl alcohol	0.568	0.0416	"	0.831		68.4	30-115				
Benzyl butyl phthalate	0.849	0.0416	"	0.831		102	26-126				
Bis(2-chloroethoxy)methane	0.586	0.0416	"	0.831		70.6	19-132				
Bis(2-chloroethyl)ether	0.566	0.0416	"	0.831		68.2	19-125				
Bis(2-chloroisopropyl)ether	0.527	0.0416	"	0.831		63.5	20-135				
Bis(2-ethylhexyl)phthalate	0.850	0.0416	"	0.831		102	10-155				
Caprolactam	0.663	0.0830	"	0.831		79.8	10-127				
Carbazole	0.609	0.0416	"	0.831		73.3	35-123				
Chrysene	0.618	0.0416	"	0.831		74.4	32-123				
Dibenzo(a,h)anthracene	0.592	0.0416	"	0.831		71.3	10-136				
Dibenzofuran	0.628	0.0416	"	0.831		75.6	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40161 - EPA 3550C											
LCS (BI40161-BS1)											
Prepared: 09/04/2024 Analyzed: 09/05/2024											
Diethyl phthalate	0.673	0.0416	mg/kg wet	0.831		81.0	34-116				
Dimethyl phthalate	0.647	0.0416	"	0.831		77.8	35-124				
Di-n-butyl phthalate	0.721	0.0416	"	0.831		86.8	31-116				
Di-n-octyl phthalate	0.904	0.0416	"	0.831		109	26-136				
Diphenylamine	0.703	0.0830	"	0.831		84.7	40-140				
Fluoranthene	0.651	0.0416	"	0.831		78.4	33-122				
Fluorene	0.630	0.0416	"	0.831		75.8	29-123				
Hexachlorobenzene	0.773	0.0416	"	0.831		93.1	21-124				
Hexachlorobutadiene	0.644	0.0416	"	0.831		77.5	10-149				
Hexachlorocyclopentadiene	0.157	0.0416	"	0.831		18.9	10-129				
Hexachloroethane	0.646	0.0416	"	0.831		77.7	28-108				
Indeno(1,2,3-cd)pyrene	0.735	0.0416	"	0.831		88.4	10-135				
Isophorone	0.648	0.0416	"	0.831		78.0	20-132				
Naphthalene	0.629	0.0416	"	0.831		75.7	23-124				
Nitrobenzene	0.735	0.0416	"	0.831		88.5	13-132				
N-Nitrosodimethylamine	0.554	0.0416	"	0.831		66.8	11-129				
N-nitroso-di-n-propylamine	0.577	0.0416	"	0.831		69.4	24-119				
N-Nitrosodiphenylamine	0.653	0.0416	"	0.831		78.6	22-152				
Pentachlorophenol	0.499	0.0416	"	0.831		60.0	10-139				
Phenanthrene	0.675	0.0416	"	0.831		81.3	33-123				
Phenol	0.629	0.0416	"	0.831		75.7	23-115				
Pyrene	0.763	0.0416	"	0.831		91.9	24-130				
Pyridine	0.487	0.166	"	0.831		58.6	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.27*		"	*1.66*		*76.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.17*		"	*1.66*		*70.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.794*		"	*0.831*		*95.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.665*		"	*0.831*		*80.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.31*		"	*1.66*		*79.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.793*		"	*0.831*		*95.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
Blank (BI40224-BLK1)											
Prepared: 09/05/2024 Analyzed: 09/06/2024											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
Blank (BI40224-BLK1)											Prepared: 09/05/2024 Analyzed: 09/06/2024
Surrogate: SURR: 2-Fluorophenol	*12.2*		*ug/L*	*50.0*		*24.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*5.36*		*"*	*50.0*		*10.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.0*		*"*	*25.0*		*60.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.8*		*"*	*25.0*		*47.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*41.6*		*"*	*50.0*		*83.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*13.9*		*"*	*25.0*		*55.6*	*30.7-106*				
Blank (BI40224-BLK2)											Prepared: 09/05/2024 Analyzed: 09/06/2024
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
LCS (BI40224-BS1)								Prepared: 09/05/2024 Analyzed: 09/06/2024			
1,1-Biphenyl	9.94	5.00	ug/L	25.0		39.8	33-95				
1,2,4,5-Tetrachlorobenzene	10.9	5.00	"	25.0		43.6	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	10.2	5.00	"	25.0		40.8	16-141				
2,3,4,6-Tetrachlorophenol	10.6	5.00	"	25.0		42.2	30-130				
2,4,5-Trichlorophenol	9.61	5.00	"	25.0		38.4	32-114				
2,4,6-Trichlorophenol	11.0	5.00	"	25.0		44.0	35-118				
2,4-Dichlorophenol	10.9	5.00	"	25.0		43.7	25-116				
2,4-Dimethylphenol	9.43	5.00	"	25.0		37.7	15-116				
2,4-Dinitrophenol	10.7	5.00	"	25.0		42.7	10-170				
2,4-Dinitrotoluene	13.5	5.00	"	25.0		54.2	41-128				
2,6-Dinitrotoluene	12.8	5.00	"	25.0		51.0	45-116				
2-Chloronaphthalene	9.60	5.00	"	25.0		38.4	33-112				
2-Chlorophenol	9.48	5.00	"	25.0		37.9	15-120				
2-Methylnaphthalene	10.1	5.00	"	25.0		40.6	24-118				
2-Methylphenol	8.14	5.00	"	25.0		32.6	10-110				
2-Nitroaniline	11.1	5.00	"	25.0		44.5	34-129				
2-Nitrophenol	12.6	5.00	"	25.0		50.2	28-118				
3- & 4-Methylphenols	6.95	5.00	"	25.0		27.8	10-107				
3,3-Dichlorobenzidine	7.93	5.00	"	25.0		31.7	15-187				
3-Nitroaniline	11.8	5.00	"	25.0		47.2	24-134				
4,6-Dinitro-2-methylphenol	19.8	5.00	"	25.0		79.4	10-153				
4-Bromophenyl phenyl ether	13.2	5.00	"	25.0		53.0	34-120				
4-Chloro-3-methylphenol	11.6	5.00	"	25.0		46.5	20-120				
4-Chloroaniline	9.02	5.00	"	25.0		36.1	10-147				
4-Chlorophenyl phenyl ether	11.4	5.00	"	25.0		45.7	27-121				
4-Nitroaniline	11.2	5.00	"	25.0		44.7	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	11.0	5.00	"	25.0		43.9	25-110				
Aniline	11.5	5.00	"	25.0		45.8	10-117				
Benzaldehyde	6.86	5.00	"	25.0		27.4	29-117	Low Bias			
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	6.93	5.00	"	25.0		27.7	10-117				
Benzyl butyl phthalate	8.36	5.00	"	25.0		33.4	29-133				
Bis(2-chloroethoxy)methane	11.3	5.00	"	25.0		45.0	10-154				
Bis(2-chloroethyl)ether	16.5	5.00	"	25.0		66.0	17-125				
Bis(2-chloroisopropyl)ether	9.98	5.00	"	25.0		39.9	10-139				
Caprolactam	2.50	5.00	"	25.0		10.0	10-137				
Carbazole	9.82	5.00	"	25.0		39.3	42-126	Low Bias			
Dibenzofuran	9.98	5.00	"	25.0		39.9	36-113				
Diethyl phthalate	10.3	5.00	"	25.0		41.3	38-115				
Dimethyl phthalate	10.5	5.00	"	25.0		42.0	38-129				
Di-n-butyl phthalate	10.5	5.00	"	25.0		42.2	31-120				
Di-n-octyl phthalate	7.08	5.00	"	25.0		28.3	21-149				
Diphenylamine	12.0	5.00	"	25.0		47.9	40-140				
Hexachlorocyclopentadiene	6.84	10.0	"	25.0		27.4	10-130				
Isophorone	10.9	5.00	"	25.0		43.7	25-127				
N-nitroso-di-n-propylamine	9.80	5.00	"	25.0		39.2	26-122				
N-Nitrosodiphenylamine	11.8	5.00	"	25.0		47.4	23-149				
Phenol	3.92	5.00	"	25.0		15.7	10-110				
Pyridine	ND	5.00	"	35.0			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*11.6*		*"*	*50.0*		*23.2*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
LCS (BI40224-BS1)								Prepared: 09/05/2024 Analyzed: 09/06/2024			
Surrogate: SURR: Phenol-d6	*6.16*		*ug/L*	*50.0*		*12.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.7*		*"*	*25.0*		*50.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.0*		*"*	*25.0*		*43.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*41.0*		*"*	*50.0*		*82.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.4*		*"*	*25.0*		*57.5*	*30.7-106*				
LCS (BI40224-BS2)								Prepared: 09/05/2024 Analyzed: 09/06/2024			
Acenaphthene	0.560	0.0500	ug/L	1.00		56.0	25-116				
Acenaphthylene	0.600	0.0500	"	1.00		60.0	26-116				
Anthracene	0.620	0.0500	"	1.00		62.0	25-123				
Benzo(a)anthracene	0.550	0.0500	"	1.00		55.0	33-125				
Benzo(a)pyrene	0.580	0.0500	"	1.00		58.0	32-132				
Benzo(b)fluoranthene	0.560	0.0500	"	1.00		56.0	22-137				
Benzo(g,h,i)perylene	0.920	0.0500	"	1.00		92.0	10-138				
Benzo(k)fluoranthene	0.580	0.0500	"	1.00		58.0	20-137				
Bis(2-ethylhexyl)phthalate	0.590	0.500	"	1.00		59.0	10-189				
Chrysene	0.550	0.0500	"	1.00		55.0	32-124				
Dibenzo(a,h)anthracene	1.02	0.0500	"	1.00		102	16-133				
Fluoranthene	0.680	0.0500	"	1.00		68.0	32-121				
Fluorene	0.590	0.0500	"	1.00		59.0	28-118				
Hexachlorobenzene	0.100	0.0200	"	1.00		10.0	23-124	Low Bias			
Hexachlorobutadiene	0.650	0.500	"	1.00		65.0	15-123				
Hexachloroethane	0.650	0.500	"	1.00		65.0	18-115				
Indeno(1,2,3-cd)pyrene	0.950	0.0500	"	1.00		95.0	15-135				
Naphthalene	0.570	0.0500	"	1.00		57.0	18-120				
Nitrobenzene	0.420	0.250	"	1.00		42.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.15	0.250	"	1.00		115	10-156				
Phenanthrene	0.610	0.0500	"	1.00		61.0	24-127				
Pyrene	0.460	0.0500	"	1.00		46.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
LCS Dup (BI40224-BSD1)								Prepared: 09/05/2024 Analyzed: 09/06/2024			
1,1-Biphenyl	21.3	5.00	ug/L	25.0		85.0	33-95		72.6	20	Non-dir.
1,2,4,5-Tetrachlorobenzene	22.6	5.00	"	25.0		90.5	26-120		69.9	20	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	20.3	5.00	"	25.0		81.2	16-141		66.1	20	Non-dir.
2,3,4,6-Tetrachlorophenol	21.5	5.00	"	25.0		86.0	30-130		68.2	20	Non-dir.
2,4,5-Trichlorophenol	20.3	5.00	"	25.0		81.2	32-114		71.5	20	Non-dir.
2,4,6-Trichlorophenol	23.2	5.00	"	25.0		92.8	35-118		71.4	20	Non-dir.
2,4-Dichlorophenol	22.3	5.00	"	25.0		89.2	25-116		68.6	20	Non-dir.
2,4-Dimethylphenol	16.3	5.00	"	25.0		65.4	15-116		53.6	20	Non-dir.
2,4-Dinitrophenol	40.8	5.00	"	25.0		163	10-170		117	20	Non-dir.
2,4-Dinitrotoluene	28.2	5.00	"	25.0		113	41-128		70.2	20	Non-dir.
2,6-Dinitrotoluene	26.6	5.00	"	25.0		106	45-116		70.2	20	Non-dir.
2-Chloronaphthalene	20.1	5.00	"	25.0		80.5	33-112		70.8	20	Non-dir.
2-Chlorophenol	18.1	5.00	"	25.0		72.4	15-120		62.6	20	Non-dir.
2-Methylnaphthalene	21.3	5.00	"	25.0		85.2	24-118		71.0	20	Non-dir.
2-Methylphenol	14.9	5.00	"	25.0		59.6	10-110		58.6	20	Non-dir.
2-Nitroaniline	22.7	5.00	"	25.0		90.8	34-129		68.4	20	Non-dir.
2-Nitrophenol	27.0	5.00	"	25.0		108	28-118		72.9	20	Non-dir.
3- & 4-Methylphenols	12.4	5.00	"	25.0		49.8	10-107		56.7	20	Non-dir.
3,3-Dichlorobenzidine	15.6	5.00	"	25.0		62.4	15-187		65.1	20	Non-dir.
3-Nitroaniline	13.4	5.00	"	25.0		53.4	24-134		12.3	20	
4,6-Dinitro-2-methylphenol	45.8	5.00	"	25.0		183	10-153	High Bias	79.2	20	Non-dir.
4-Bromophenyl phenyl ether	26.0	5.00	"	25.0		104	34-120		65.2	20	Non-dir.
4-Chloro-3-methylphenol	21.6	5.00	"	25.0		86.6	20-120		60.3	20	Non-dir.
4-Chloroaniline	8.86	5.00	"	25.0		35.4	10-147		1.79	20	
4-Chlorophenyl phenyl ether	23.0	5.00	"	25.0		92.0	27-121		67.2	20	Non-dir.
4-Nitroaniline	17.2	5.00	"	25.0		68.9	13-134		42.7	20	Non-dir.
4-Nitrophenol	5.94	5.00	"	25.0		23.8	10-131		38.1	20	Non-dir.
Acetophenone	23.0	5.00	"	25.0		92.2	25-110		70.9	20	Non-dir.
Aniline	17.7	5.00	"	25.0		70.9	10-117		42.9	20	Non-dir.
Benzaldehyde	14.2	5.00	"	25.0		56.9	29-117		69.8	20	Non-dir.
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	10.8	5.00	"	25.0		43.2	10-117		43.6	20	Non-dir.
Benzyl butyl phthalate	16.7	5.00	"	25.0		66.7	29-133		66.5	20	Non-dir.
Bis(2-chloroethoxy)methane	23.2	5.00	"	25.0		92.8	10-154		69.3	20	Non-dir.
Bis(2-chloroethyl)ether	25.5	5.00	"	25.0		102	17-125		42.9	20	Non-dir.
Bis(2-chloroisopropyl)ether	21.2	5.00	"	25.0		84.8	10-139		72.0	20	Non-dir.
Caprolactam	3.68	5.00	"	25.0		14.7	10-137		38.2	20	Non-dir.
Carbazole	19.6	5.00	"	25.0		78.2	42-126		66.3	20	Non-dir.
Dibenzofuran	20.4	5.00	"	25.0		81.6	36-113		68.6	20	Non-dir.
Diethyl phthalate	20.2	5.00	"	25.0		80.7	38-115		64.7	20	Non-dir.
Dimethyl phthalate	21.0	5.00	"	25.0		84.0	38-129		66.6	20	Non-dir.
Di-n-butyl phthalate	20.2	5.00	"	25.0		81.0	31-120		63.0	20	Non-dir.
Di-n-octyl phthalate	17.0	5.00	"	25.0		68.2	21-149		82.6	20	Non-dir.
Diphenylamine	23.9	5.00	"	25.0		95.6	40-140		66.5	20	Non-dir.
Hexachlorocyclopentadiene	16.1	10.0	"	25.0		64.2	10-130		80.5	20	Non-dir.
Isophorone	23.2	5.00	"	25.0		93.0	25-127		72.1	20	Non-dir.
N-nitroso-di-n-propylamine	21.1	5.00	"	25.0		84.2	26-122		73.0	20	Non-dir.
N-Nitrosodiphenylamine	23.6	5.00	"	25.0		94.5	23-149		66.5	20	Non-dir.
Phenol	6.76	5.00	"	25.0		27.0	10-110		53.2	20	Non-dir.
Pyridine	2.63	5.00	"	35.0		7.51	10-90	Low Bias	10.4	20	
Surrogate: SURR: 2-Fluorophenol	*20.2*		*"*	*50.0*		*40.4*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
LCS Dup (BI40224-BSD1)											
Surrogate: SURR: Phenol-d6	*10.9*		*ug/L*	*50.0*		*21.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*26.0*		*"*	*25.0*		*104*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*21.9*		*"*	*25.0*		*87.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*78.9*		*"*	*50.0*		*158*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.5*		*"*	*25.0*		*94.2*	*30.7-106*				

Prepared: 09/05/2024 Analyzed: 09/06/2024

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40186 - EPA 3050B											
Blank (BI40186-BLK1)											Prepared: 09/04/2024 Analyzed: 09/06/2024
Antimony	ND	1.74	mg/kg wet								
Arsenic	ND	1.04	"								
Beryllium	0.050	0.035	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Nickel	ND	0.692	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Thallium	ND	1.74	"								
Zinc	ND	1.73	"								
Reference (BI40186-SRM1)											Prepared: 09/04/2024 Analyzed: 09/06/2024
Antimony	72.3	1.74	mg/kg wet	244		29.6	0-99.5				
Arsenic	259	1.04	"	283		91.6	69.9-101.4				
Beryllium	176	0.035	"	175		100	75.4-107.4				
Cadmium	86.5	0.208	"	95.8		90.3	72.3-103.7				
Chromium	234	0.348	"	239		97.9	72.4-106.3				
Copper	229	1.39	"	217		105	74.7-105.1				
Lead	204	0.348	"	210		97.0	75.7-109.5				
Nickel	332	0.692	"	329		101	74.5-106.7				
Selenium	281	1.74	"	281		100	77.6-116.7				
Silver	82.6	0.350	"	82.7		99.8	73.7-111.7				
Thallium	114	1.74	"	123		92.4	70.2-104.8				
Zinc	247	1.73	"	260		94.8	72.7-109.2				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40123 - EPA 3015A											
Blank (BI40123-BLK1)											Prepared: 09/04/2024 Analyzed: 09/05/2024
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Chromium	ND	1.11	"								
Copper	ND	1.11	"								
Lead	ND	1.11	"								
Nickel	ND	1.11	"								
Selenium	ND	1.11	"								
Silver	ND	1.11	"								
Thallium	ND	1.11	"								
Zinc	ND	1.11	"								
LCS (BI40123-BS1)											Prepared: 09/04/2024 Analyzed: 09/05/2024
Antimony	45.3		ug/L	50.0		90.6	80-120				
Arsenic	48.3		"	50.0		96.5	80-120				
Beryllium	47.2		"	50.0		94.4	80-120				
Cadmium	45.1		"	50.0		90.1	80-120				
Chromium	46.7		"	50.0		93.3	80-120				
Copper	47.6		"	50.0		95.2	80-120				
Lead	46.2		"	50.0		92.4	80-120				
Nickel	46.6		"	50.0		93.1	80-120				
Selenium	48.2		"	50.0		96.4	80-120				
Silver	46.8		"	50.0		93.6	80-120				
Thallium	46.6		"	50.0		93.1	80-120				
Zinc	64.4		"	50.0		129	80-120	High Bias			

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40079 - EPA 7473 soil											
Blank (BI40079-BLK1)										Prepared: 09/03/2024 Analyzed: 09/04/2024	
Mercury	ND	0.0300	mg/kg wet								
Reference (BI40079-SRM1)										Prepared: 09/03/2024 Analyzed: 09/04/2024	
Mercury	21.005		mg/kg	18.2		115	59.9-140.1				
Batch BI40181 - EPA SW846-7470A											
Blank (BI40181-BLK1)										Prepared & Analyzed: 09/04/2024	
Mercury	ND	0.0002	mg/L								
LCS (BI40181-BS1)										Prepared & Analyzed: 09/04/2024	
Mercury	0.0019871	0.0002	mg/L	0.00200		99.4	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H2129-01	SB-47 (25-27)	4 oz. WM Clear Glass Cool to 4° C
24H2129-02	SB-45 (28-30)	4 oz. WM Clear Glass Cool to 4° C
24H2129-03	SB-46 (20-23)	4 oz. WM Clear Glass Cool to 4° C
24H2129-04	RB_8.29.24	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-E	The concentration reported for this analyte is an estimated value above the linear range of the instrument for EPA SW846-5035/8260 (>200ppb). Re-analysis using 5035/8260 medium level prep. resulted in a detection below the reporting limit (<500ppb).
VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-HI	The internal std associated with this target compound did not meet acceptance criteria (area >200% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
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

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24H1229

Page _____ of _____

Report To:	Invoice To:
Company: HRP Associates, Inc	Company:
Address: 1 Fairchild Sq, Suite #110 Clifton Park NY 12065	Address:
Phone.: 518 877 7101	Phone.:
Contact: Elliott Jackson	Contact: Cassy George
E-mail: elliott.jackson@hrpassociates.com	E-mail: Cassy.George@hrpassociates.com

YOUR Project Name / Number: Remington Arms / HER1510.P2

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

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

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

Elliott Jackson / Elliott Jackson

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)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs	TCL SVOCs	PP Metals	Grab or Comp.
SB-47 (25-27)	8/29/24	1130	S	2										X	X	X	G
SB-45 (28-30)	↓	1405	S	2										X	X	X	G
SB-46 (20-23)	↓	1550	S	2										X	X	X	G
MW-8.29.24	↓	1500	GW	2	3		1							X	X	X	G

Analyses Requested

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) NYSDEC Part 375 SCOs

Field Filtered [ ] Lab Filtered [ ]

Comments: Send copy to Ted.Wall@hrpassociates.com

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

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

Custody Seals: Y / (N) Containers Intact: (Y) / N COC/Labels Agree: (Y) / N Preservation Confirmed: (Y) / N

COC Complete: (Y) / N COC Received: (Y) / N Appropriate Sample Volumes: (Y) / N Appropriate Sample Containers: (Y) / N

Cooler Temperature Confirmed: (Y) / N Samples Submitted within Holding Times: (Y) / N Corrective Action Form Required: Y / (N)

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	8/30/2024 1045	Chris C	8-30-24 10:45	Chris C	8-30-24 1500
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
				[signature]	8/30/24 1500 / 2.0 Degrees C

Technical Report

prepared for:

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

Report Date: 09/06/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24H2011

Report Date: 09/06/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24H2011

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

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 August 29, 2024 and listed below. The project was identified as your project: **Remington Arms/HER1510.P2**.

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
24H2011-01	SB-8 (25-28)	Soil	08/27/2024	08/29/2024
24H2011-02	SB-7 (15-18)	Soil	08/27/2024	08/29/2024
24H2011-03	SB-4 (0.5-2.5)	Soil	08/27/2024	08/29/2024
24H2011-04	SB-22 (16-18)	Soil	08/27/2024	08/29/2024
24H2011-05	SB-6 (21-23)	Soil	08/27/2024	08/29/2024
24H2011-06	SB-24 (23-25)	Soil	08/28/2024	08/29/2024
24H2011-07	SB-14 (12-15)	Soil	08/28/2024	08/29/2024
24H2011-08	RB_8.28.24	Water	08/28/2024	08/29/2024

General Notes for York Project (SDG) No.: 24H2011

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

Approved By: 

Date: 09/06/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB-8 (25-28) **York Sample ID:** 24H2011-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 9:40 am	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								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	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**0.43**	VOA-E	mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**0.015**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0047**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-8 (25-28) **York Sample ID:** 24H2011-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 9:40 am	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.024**	ICVE, QL-02	mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-8 (25-28) **York Sample ID:** 24H2011-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 9:40 am	08/29/2024

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

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**	**0.0032**	J	mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**0.026**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**0.0028**	J	mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.059**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**0.050**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	**o-Xylene**	**0.015**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**0.023**		mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**0.012**	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.024**	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.0092**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-8 (25-28) **York Sample ID:** 24H2011-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 9:40 am	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	0.0023	0.0046	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	**Xylenes, Total**	**0.038**		mg/kg dry	0.0069	0.014	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:23	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*219 %*	S-04, S-08	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0942	0.188	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-8 (25-28) **York Sample ID:** 24H2011-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 9:40 am	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0942	0.188	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.189	0.377	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.189	0.377	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-8 (25-28) **York Sample ID:** 24H2011-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 9:40 am	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0655**	J	mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-8 (25-28) **York Sample ID:** 24H2011-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 9:40 am	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0715**	J	mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.189	0.377	2	EPA 8270D	09/03/2024 12:59	09/04/2024 09:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*86.0 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*74.5 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*120 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*93.7 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.8 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*109 %*		*24-116*

Sample Information

Client Sample ID: SB-8 (25-28) **York Sample ID:** 24H2011-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 9:40 am	08/29/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	0.0187	1	EPA 8082A	09/01/2024 08:11	09/03/2024 14:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A	09/01/2024 08:11	09/03/2024 14:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A	09/01/2024 08:11	09/03/2024 14:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A	09/01/2024 08:11	09/03/2024 14:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A	09/01/2024 08:11	09/03/2024 14:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A	09/01/2024 08:11	09/03/2024 14:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A	09/01/2024 08:11	09/03/2024 14:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A	09/01/2024 08:11	09/03/2024 14:51	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.5 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.97	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.91**		mg/kg dry	1.18	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.468**		mg/kg dry	0.040	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.237	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.8**		mg/kg dry	0.395	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**20.6**		mg/kg dry	1.58	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**8.22**		mg/kg dry	0.395	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.5**		mg/kg dry	0.786	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.97	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-8 (25-28) **York Sample ID:** 24H2011-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 9:40 am	08/29/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.398	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.97	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**54.5**		mg/kg dry	1.97	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0341	1	EPA 7473	08/31/2024 08:45	09/03/2024 14:01	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.0**		%	0.100	1	SM 2540G	08/31/2024 08:53	08/31/2024 12:44	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-7 (15-18)** **York Sample ID:** **24H2011-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 10:55 am	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

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	QL-02	mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								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	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	**1,2-Dibromo-3-chloropropane**	**0.0039**	J	mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.091	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0027**	J	mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-7 (15-18) **York Sample ID:** 24H2011-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 10:55 am	08/29/2024

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

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	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.022**	ICVE, QL-02	mg/kg dry	0.0045	0.0091	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0045	0.0091	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-7 (15-18) **York Sample ID:** 24H2011-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 10:55 am	08/29/2024

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

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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.0045**		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-7 (15-18) **York Sample ID:** 24H2011-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 10:55 am	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	0.0023	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C	09/03/2024 12:30	09/03/2024 19:49	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0885	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**0.816**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-7 (15-18) **York Sample ID:** 24H2011-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 10:55 am	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0885	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.540**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.310**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.470**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.177	0.354	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-7 (15-18) **York Sample ID:** 24H2011-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 10:55 am	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.0849**	J	mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.177**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.639**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.0531**	J	mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-7 (15-18) **York Sample ID:** 24H2011-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 10:55 am	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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**	**1.31**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.155**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**2.16**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.311**	CCVE	mg/kg dry	0.0444	0.0885	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.6 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*55.2 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*137 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*90.2 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*79.5 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.6 %*		*24-116*

Sample Information

Client Sample ID: SB-7 (15-18) **York Sample ID:** 24H2011-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 10:55 am	08/29/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	09/01/2024 08:11	09/03/2024 15:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:05	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.87	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**11.8**		mg/kg dry	1.12	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.345**		mg/kg dry	0.038	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.224	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.4**		mg/kg dry	0.374	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**25.8**		mg/kg dry	1.49	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**8.41**		mg/kg dry	0.374	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.4**		mg/kg dry	0.744	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.87	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-7 (15-18) **York Sample ID:** 24H2011-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 10:55 am	08/29/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.376	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.87	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**55.0**		mg/kg dry	1.86	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0323	1	EPA 7473	08/31/2024 08:45	09/03/2024 14:01	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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	08/31/2024 08:53	08/31/2024 12:44	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-4 (0.5-2.5) **York Sample ID:** 24H2011-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 11:45 am	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								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	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-4 (0.5-2.5) **York Sample ID:** 24H2011-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 11:45 am	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.016**	ICVE, QL-02	mg/kg dry	0.0050	0.010	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-4 (0.5-2.5) **York Sample ID:** 24H2011-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 11:45 am	08/29/2024

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

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	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.0034**	J	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-4 (0.5-2.5) **York Sample ID:** 24H2011-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 11:45 am	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	0.0025	0.0050	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:15	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.106	0.213	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.106	0.213	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.106	0.213	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

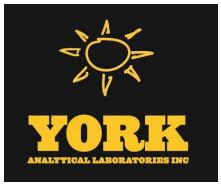
Client Sample ID: SB-4 (0.5-2.5) **York Sample ID:** 24H2011-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 11:45 am	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.106	0.213	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.106	0.213	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.106	0.213	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.106	0.213	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.106	0.213	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.213	0.426	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.213	0.426	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.133**		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		



Sample Information

Client Sample ID: SB-4 (0.5-2.5) **York Sample ID:** 24H2011-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 11:45 am	08/29/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
50-32-8	**Benzo(a)pyrene**	**0.127**		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.212**		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.171**		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.167**		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.106	0.213	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.227**		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0570**	J	mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.106	0.213	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.265**		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-4 (0.5-2.5) **York Sample ID:** 24H2011-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 11:45 am	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.162**		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.336**	CCVE	mg/kg dry	0.0533	0.106	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.213	0.426	2	EPA 8270D	09/03/2024 12:59	09/04/2024 10:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*55.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.4 %*	*24-116*

Sample Information

Client Sample ID: SB-4 (0.5-2.5) **York Sample ID:** 24H2011-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 11:45 am	08/29/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	0.0214	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0214	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0214	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0214	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0214	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0214	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0214	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0214	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:19	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.5 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	2.24	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**19.3**		mg/kg dry	1.35	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.923**		mg/kg dry	0.045	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.269	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**25.6**		mg/kg dry	0.449	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**68.7**		mg/kg dry	1.80	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**46.5**		mg/kg dry	0.449	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**31.0**		mg/kg dry	0.894	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**2.64**		mg/kg dry	2.24	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-4 (0.5-2.5) **York Sample ID:** 24H2011-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 11:45 am	08/29/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.453	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.24	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**116**		mg/kg dry	2.24	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.0855**		mg/kg dry	0.0388	1	EPA 7473	08/31/2024 08:45	09/03/2024 14:01	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**77.3**		%	0.100	1	SM 2540G	08/31/2024 08:53	08/31/2024 12:44	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-22 (16-18) **York Sample ID:** 24H2011-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 12:25 pm	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	QL-02	mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								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	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.089	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-22 (16-18) **York Sample ID:** 24H2011-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 12:25 pm	08/29/2024

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

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	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.011**	ICVE, QL-02	mg/kg dry	0.0045	0.0089	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0045	0.0089	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-22 (16-18) **York Sample ID:** 24H2011-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 12:25 pm	08/29/2024

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

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	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	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 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-22 (16-18) **York Sample ID:** 24H2011-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 12:25 pm	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	0.0022	0.0045	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	09/03/2024 12:30	09/03/2024 20:41	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*119 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0937	0.187	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-22 (16-18) **York Sample ID:** 24H2011-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 12:25 pm	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0937	0.187	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.188	0.375	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.188	0.375	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-22 (16-18) **York Sample ID:** 24H2011-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 12:25 pm	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-22 (16-18) **York Sample ID:** 24H2011-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 12:25 pm	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.375	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*51.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.4 %*	*24-116*

Sample Information

Client Sample ID: SB-22 (16-18) **York Sample ID:** 24H2011-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 12:25 pm	08/29/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.98	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:20	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.12**		mg/kg dry	1.19	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:20	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.286**		mg/kg dry	0.040	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:20	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.237	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:20	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**7.47**		mg/kg dry	0.396	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:20	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**17.7**		mg/kg dry	1.58	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:20	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**7.82**		mg/kg dry	0.396	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:20	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**9.62**		mg/kg dry	0.787	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:20	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.98	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:20	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.398	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:20	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.98	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:20	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**33.9**		mg/kg dry	1.97	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:20	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0342	1	EPA 7473	08/31/2024 08:45	09/03/2024 14:01	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**87.8**		%	0.100	1	SM 2540G	08/31/2024 08:53	08/31/2024 12:44	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-6 (21-23)** **York Sample ID:** **24H2011-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 1:45 pm	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

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	QL-02	mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								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	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**0.013**	QL-02	mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.083	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-6 (21-23) **York Sample ID:** 24H2011-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 1:45 pm	08/29/2024

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

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	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.010**	ICVE, QL-02	mg/kg dry	0.0041	0.0083	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0041	0.0083	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	**Chlorobenzene**	**0.0023**	J	mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-6 (21-23) **York Sample ID:** 24H2011-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 1:45 pm	08/29/2024

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

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**	**0.0025**	J	mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**0.16**		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0041	0.0083	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.11**		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**0.29**		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**0.0056**	J	mg/kg dry	0.0041	0.0083	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.13**	QL-02	mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**0.014**		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.0054**		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-6 (21-23) **York Sample ID:** 24H2011-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 1:45 pm	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	0.0021	0.0041	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	**Xylenes, Total**	**0.0072**	J	mg/kg dry	0.0062	0.012	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:07	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.2 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*481 %*	S-04, S-08	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0903	0.180	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-6 (21-23) **York Sample ID:** 24H2011-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 1:45 pm	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0903	0.180	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.181	0.362	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-6 (21-23) **York Sample ID:** 24H2011-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 1:45 pm	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-6 (21-23) **York Sample ID:** 24H2011-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 1:45 pm	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE, CCVE	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	09/03/2024 12:59	09/04/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*95.1 %*	*24-116*

Sample Information

Client Sample ID: SB-6 (21-23) **York Sample ID:** 24H2011-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 1:45 pm	08/29/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	09/01/2024 08:11	09/03/2024 15:32	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	09/01/2024 08:11	09/03/2024 15:32	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	09/01/2024 08:11	09/03/2024 15:32	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	09/01/2024 08:11	09/03/2024 15:32	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	09/01/2024 08:11	09/03/2024 15:32	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	09/01/2024 08:11	09/03/2024 15:32	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	09/01/2024 08:11	09/03/2024 15:32	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	09/01/2024 08:11	09/03/2024 15:32	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.0 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.90	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**10.4**		mg/kg dry	1.14	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.396**		mg/kg dry	0.038	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.229	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.2**		mg/kg dry	0.381	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**15.5**		mg/kg dry	1.52	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**5.82**		mg/kg dry	0.381	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**9.45**		mg/kg dry	0.759	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.90	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-6 (21-23) **York Sample ID:** 24H2011-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 27, 2024 1:45 pm	08/29/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	**Silver**	**0.659**		mg/kg dry	0.384	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.90	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**40.7**		mg/kg dry	1.90	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0329	1	EPA 7473	08/31/2024 08:45	09/03/2024 14:01	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**91.1**		%	0.100	1	SM 2540G	08/31/2024 08:53	08/31/2024 12:44	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-24 (23-25) **York Sample ID:** 24H2011-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 12:40 pm	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								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	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**0.015**	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	**1,2-Dibromo-3-chloropropane**	**0.032**		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-24 (23-25) **York Sample ID:** 24H2011-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 12:40 pm	08/29/2024

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

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	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.010**		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-24 (23-25) **York Sample ID:** 24H2011-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 12:40 pm	08/29/2024

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

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**	**0.0028**	J	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**0.17**		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.13**		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**0.31**		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**0.0061**	J	mg/kg dry	0.0052	0.010	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.15**	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**0.016**		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.0055**		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-24 (23-25) **York Sample ID:** 24H2011-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 12:40 pm	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	0.0026	0.0052	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	09/03/2024 12:30	09/03/2024 21:34	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.1 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*424 %*	S-04, S-08	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0888	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-24 (23-25) **York Sample ID:** 24H2011-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 12:40 pm	08/29/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0888	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.244**		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.111**		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	**Acetophenone**	**0.0533**	J	mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.119**		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.178	0.356	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-24 (23-25) **York Sample ID:** 24H2011-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 12:40 pm	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.271**		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-24 (23-25) **York Sample ID:** 24H2011-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 12:40 pm	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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**	**0.344**		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	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	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0902**		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.318**		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0739**	J	mg/kg dry	0.0445	0.0888	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*52.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*102 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*65.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.2 %*	*24-116*

Sample Information

Client Sample ID: SB-24 (23-25) **York Sample ID:** 24H2011-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 12:40 pm	08/29/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.87	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:27	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**14.7**		mg/kg dry	1.12	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:27	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.350**		mg/kg dry	0.038	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:27	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.225	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:27	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.71**		mg/kg dry	0.375	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:27	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**16.6**		mg/kg dry	1.50	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:27	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**7.01**		mg/kg dry	0.375	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:27	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**8.94**		mg/kg dry	0.747	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:27	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.87	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:27	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.378	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:27	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.87	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:27	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**45.5**		mg/kg dry	1.87	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:27	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0324	1	EPA 7473	08/31/2024 08:45	09/03/2024 14:01	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**92.6**		%	0.100	1	SM 2540G	08/31/2024 08:53	08/31/2024 12:44	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-14 (12-15) **York Sample ID:** 24H2011-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 1:50 pm	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-HI	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								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	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	IS-HI	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND	IS-HI	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-HI	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**21**		mg/kg dry	0.27	0.54	100	EPA 8260C	09/04/2024 10:00	09/04/2024 14:44	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	**1,2-Dibromo-3-chloropropane**	**0.026**	IS-HI	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	IS-HI	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**0.29**	IS-HI	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	IS-HI	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	IS-HI	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-14 (12-15) **York Sample ID:** 24H2011-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 1:50 pm	08/29/2024

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

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	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.014**	ICVE, QL-02	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	**Chlorobenzene**	**0.0068**		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-14 (12-15) **York Sample ID:** 24H2011-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 1:50 pm	08/29/2024

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

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**	**0.016**		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	IS-HI	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**0.095**	IS-HI	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.14**	IS-HI	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**0.22**	IS-HI	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**0.044**		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**0.28**	IS-HI, QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.16**	QL-02, IS-HI	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**0.022**	IS-HI	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.0046**	J	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-14 (12-15) **York Sample ID:** 24H2011-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 1:50 pm	08/29/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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	0.0026	0.0051	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	**Xylenes, Total**	**0.046**		mg/kg dry	0.0077	0.015	1	EPA 8260C	09/03/2024 12:30	09/03/2024 22:00	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.6 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.8 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*700 %*	IS-HI, S-04, S-08	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0892	0.178	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-14 (12-15) **York Sample ID:** 24H2011-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 1:50 pm	08/29/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0892	0.178	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	**Acetophenone**	**1.72**		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.357	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	**Benzaldehyde**	**1.64**		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.179	0.357	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-14 (12-15) **York Sample ID:** 24H2011-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 1:50 pm	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-14 (12-15) **York Sample ID:** 24H2011-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 1:50 pm	08/29/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0642**	J	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.357	2	EPA 8270D	09/03/2024 12:59	09/04/2024 12:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*70.6 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*55.4 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*178 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.8 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.3 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.7 %*		*24-116*

Sample Information

Client Sample ID: SB-14 (12-15) **York Sample ID:** 24H2011-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 1:50 pm	08/29/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	09/01/2024 08:11	09/03/2024 15:46	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	09/01/2024 08:11	09/03/2024 15:46	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	09/01/2024 08:11	09/03/2024 15:46	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	09/01/2024 08:11	09/03/2024 15:46	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	09/01/2024 08:11	09/03/2024 15:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	**Aroclor 1254**	**0.0222**	P	mg/kg dry	0.0179	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:46	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	09/01/2024 08:11	09/03/2024 15:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.0222**	P	mg/kg dry	0.0179	1	EPA 8082A	09/01/2024 08:11	09/03/2024 15:46	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.0 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.88	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:30	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**20.8**		mg/kg dry	1.13	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:30	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.478**		mg/kg dry	0.038	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:30	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.311**		mg/kg dry	0.226	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:30	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.8**		mg/kg dry	0.377	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:30	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**23.1**		mg/kg dry	1.51	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:30	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**14.7**		mg/kg dry	0.377	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:30	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.4**		mg/kg dry	0.749	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:30	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.88	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:30	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-14 (12-15) **York Sample ID:** 24H2011-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Soil	August 28, 2024 1:50 pm	08/29/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.379	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:30	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.88	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:30	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**76.9**		mg/kg dry	1.87	1	EPA 6010D	09/04/2024 14:44	09/05/2024 12:30	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0325	1	EPA 7473	08/31/2024 08:45	09/03/2024 14:01	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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	08/31/2024 08:53	08/31/2024 12:44	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **RB_8.28.24** **York Sample ID:** **24H2011-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Water	August 28, 2024 3:00 pm	08/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_8.28.24 **York Sample ID:** 24H2011-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Water	August 28, 2024 3:00 pm	08/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.69**		ug/L	0.245	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**18.4**		ug/L	0.243	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: RB_8.28.24 **York Sample ID:** 24H2011-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Water	August 28, 2024 3:00 pm	08/29/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_8.28.24 **York Sample ID:** 24H2011-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Water	August 28, 2024 3:00 pm	08/29/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	08/31/2024 08:00	08/31/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_8.28.24 **York Sample ID:** 24H2011-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Water	August 28, 2024 3:00 pm	08/29/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	5.00	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	ug/L	5.00	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, QL-02	ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_8.28.24 **York Sample ID:** 24H2011-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Water	August 28, 2024 3:00 pm	08/29/2024

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/04/2024 08:48	09/05/2024 17:49	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.0 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*14.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.2 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*133 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.7 %*	*30.7-106*

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: RB_8.28.24 **York Sample ID:** 24H2011-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Water	August 28, 2024 3:00 pm	08/29/2024

83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND	ICVE, QL-02	ug/L	0.0200	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	ICVE, CCVE	ug/L	0.250	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	ICVE, CAL-E	ug/L	0.250	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND	CCVE	ug/L	0.0500	1	EPA 8270D SIM	09/04/2024 08:48	09/05/2024 12:42	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_8.28.24 **York Sample ID:** 24H2011-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Water	August 28, 2024 3:00 pm	08/29/2024

PCB, 8082 MASTER

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	09/04/2024 08:34	09/05/2024 01:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	09/04/2024 08:34	09/05/2024 01:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	09/04/2024 08:34	09/05/2024 01:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	09/04/2024 08:34	09/05/2024 01:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	09/04/2024 08:34	09/05/2024 01:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	09/04/2024 08:34	09/05/2024 01:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	09/04/2024 08:34	09/05/2024 01:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	09/04/2024 08:34	09/05/2024 01:50	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.5 %*	*30-120*

Metals, Priority Pollutant-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-CCV 1	ug/L	1.11	1	EPA 6020B	09/03/2024 13:08	09/04/2024 19:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	09/03/2024 13:08	09/04/2024 19:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND	M-BS, M-CCV 1	ug/L	0.333	1	EPA 6020B	09/03/2024 13:08	09/04/2024 19:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	09/03/2024 13:08	09/04/2024 19:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.17**	M-CCV 1	ug/L	1.11	1	EPA 6020B	09/03/2024 13:08	09/04/2024 19:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**1.64**	B	ug/L	1.11	1	EPA 6020B	09/03/2024 13:08	09/04/2024 19:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	09/03/2024 13:08	09/04/2024 19:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND	M-CCV 1	ug/L	1.11	1	EPA 6020B	09/03/2024 13:08	09/04/2024 19:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_8.28.24 **York Sample ID:** 24H2011-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2011	Remington Arms/HER1510.P2	Water	August 28, 2024 3:00 pm	08/29/2024

Metals, Priority Pollutant-Low Level

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
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	09/03/2024 13:08	09/04/2024 19:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	09/03/2024 13:08	09/04/2024 19:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	09/03/2024 13:08	09/04/2024 19:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**13.8**		ug/L	1.11	1	EPA 6020B	09/03/2024 13:08	09/04/2024 19:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/04/2024 08:42	09/04/2024 08:42	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Analytical Batch Summary

Batch ID: BH42136 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H2011-01	SB-8 (25-28)	08/31/24
24H2011-02	SB-7 (15-18)	08/31/24
24H2011-03	SB-4 (0.5-2.5)	08/31/24
24H2011-04	SB-22 (16-18)	08/31/24
24H2011-05	SB-6 (21-23)	08/31/24
24H2011-06	SB-24 (23-25)	08/31/24
24H2011-07	SB-14 (12-15)	08/31/24
BH42136-BLK1	Blank	08/31/24
BH42136-SRM1	Reference	08/31/24

Batch ID: BH42139 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H2011-01	SB-8 (25-28)	08/31/24
24H2011-02	SB-7 (15-18)	08/31/24
24H2011-03	SB-4 (0.5-2.5)	08/31/24
24H2011-04	SB-22 (16-18)	08/31/24
24H2011-05	SB-6 (21-23)	08/31/24
24H2011-06	SB-24 (23-25)	08/31/24
24H2011-07	SB-14 (12-15)	08/31/24

Batch ID: BH42142 **Preparation Method:** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
24H2011-08	RB_8.28.24	08/31/24
BH42142-BLK1	Blank	08/31/24
BH42142-BS1	LCS	08/31/24
BH42142-BSD1	LCS Dup	08/31/24

Batch ID: BI40006 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H2011-01	SB-8 (25-28)	09/01/24
24H2011-02	SB-7 (15-18)	09/01/24
24H2011-03	SB-4 (0.5-2.5)	09/01/24
24H2011-05	SB-6 (21-23)	09/01/24
24H2011-07	SB-14 (12-15)	09/01/24
BI40006-BLK2	Blank	09/01/24
BI40006-BS2	LCS	09/01/24

Batch ID: BI40071 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date

24H2011-01	SB-8 (25-28)	09/03/24
24H2011-02	SB-7 (15-18)	09/03/24
24H2011-03	SB-4 (0.5-2.5)	09/03/24
24H2011-04	SB-22 (16-18)	09/03/24
24H2011-05	SB-6 (21-23)	09/03/24
24H2011-06	SB-24 (23-25)	09/03/24
24H2011-07	SB-14 (12-15)	09/03/24
BI40071-BLK1	Blank	09/03/24
BI40071-BS1	LCS	09/03/24
BI40071-MS1	Matrix Spike	09/03/24
BI40071-MSD1	Matrix Spike Dup	09/03/24

Batch ID: BI40076 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24H2011-08	RB_8.28.24	09/03/24
BI40076-BLK1	Blank	09/03/24
BI40076-BS1	LCS	09/03/24

Batch ID: BI40098 **Preparation Method:** EPA 5035A **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
24H2011-01	SB-8 (25-28)	09/03/24
24H2011-02	SB-7 (15-18)	09/03/24
24H2011-03	SB-4 (0.5-2.5)	09/03/24
24H2011-04	SB-22 (16-18)	09/03/24
24H2011-05	SB-6 (21-23)	09/03/24
24H2011-06	SB-24 (23-25)	09/03/24
24H2011-07	SB-14 (12-15)	09/03/24
BI40098-BLK1	Blank	09/03/24
BI40098-BS1	LCS	09/03/24
BI40098-BSD1	LCS Dup	09/03/24

Batch ID: BI40122 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24H2011-08	RB_8.28.24	09/04/24

Batch ID: BI40124 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24H2011-08	RB_8.28.24	09/04/24
BI40124-BLK1	Blank	09/04/24
BI40124-BLK2	Blank	09/04/24
BI40124-BS1	LCS	09/04/24
BI40124-BS2	LCS	09/04/24

Batch ID: BI40129 **Preparation Method:** EPA 3510C **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
24H2011-08	RB_8.28.24	09/04/24
BI40129-BLK1	Blank	09/04/24
BI40129-BLK2	Blank	09/04/24
BI40129-BS1	LCS	09/04/24
BI40129-BS2	LCS	09/04/24
BI40129-BSD1	LCS Dup	09/04/24

Batch ID: BI40145 **Preparation Method:** EPA 5035A **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
24H2011-07RE1	SB-14 (12-15)	09/04/24
BI40145-BLK2	Blank	09/04/24
BI40145-BS2	LCS	09/04/24
BI40145-BSD2	LCS Dup	09/04/24

Batch ID: BI40170 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H2011-01	SB-8 (25-28)	09/04/24
24H2011-02	SB-7 (15-18)	09/04/24
24H2011-03	SB-4 (0.5-2.5)	09/04/24
24H2011-04	SB-22 (16-18)	09/04/24
24H2011-05	SB-6 (21-23)	09/04/24
24H2011-06	SB-24 (23-25)	09/04/24
24H2011-07	SB-14 (12-15)	09/04/24
BI40170-BLK1	Blank	09/04/24
BI40170-SRM1	Reference	09/04/24

Batch ID: BI40227 **Preparation Method:** EPA 5035A **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
24H2011-01RE1	SB-8 (25-28)	09/05/24
24H2011-01RE2	SB-8 (25-28)	09/05/24
BI40227-BLK1	Blank	09/05/24
BI40227-BLK2	Blank	09/05/24
BI40227-BS1	LCS	09/05/24
BI40227-BS2	LCS	09/05/24
BI40227-BSD1	LCS Dup	09/05/24
BI40227-BSD2	LCS Dup	09/05/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42142 - EPA 5030B											
Blank (BH42142-BLK1)											Prepared & Analyzed: 08/31/2024
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42142 - EPA 5030B											
Blank (BH42142-BLK1)								Prepared & Analyzed: 08/31/2024			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.48*		*"*	*10.0*		*94.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*79-122*				
LCS (BH42142-BS1)								Prepared & Analyzed: 08/31/2024			
1,1,1,2-Tetrachloroethane	11.6		ug/L	10.0		116	82-126				
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136				
1,1,2,2-Tetrachloroethane	13.0		"	10.0		130	76-129	High Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.5		"	10.0		125	54-165				
1,1,2-Trichloroethane	11.2		"	10.0		112	82-123				
1,1-Dichloroethane	11.2		"	10.0		112	82-129				
1,1-Dichloroethylene	12.5		"	10.0		125	68-138				
1,2,3-Trichlorobenzene	11.7		"	10.0		117	76-136				
1,2,3-Trichloropropane	11.3		"	10.0		113	77-128				
1,2,4-Trichlorobenzene	12.2		"	10.0		122	76-137				
1,2,4-Trimethylbenzene	11.8		"	10.0		118	82-132				
1,2-Dibromo-3-chloropropane	9.84		"	10.0		98.4	45-147				
1,2-Dibromoethane	11.7		"	10.0		117	83-124				
1,2-Dichlorobenzene	11.2		"	10.0		112	79-123				
1,2-Dichloroethane	10.6		"	10.0		106	73-132				
1,2-Dichloropropane	11.4		"	10.0		114	78-126				
1,3,5-Trimethylbenzene	11.5		"	10.0		115	80-131				
1,3-Dichlorobenzene	11.4		"	10.0		114	86-122				
1,4-Dichlorobenzene	11.3		"	10.0		113	85-124				
1,4-Dioxane	225		"	210		107	10-349				
2-Butanone	8.77		"	10.0		87.7	49-152				
2-Hexanone	8.01		"	10.0		80.1	51-146				
4-Methyl-2-pentanone	10.7		"	10.0		107	57-145				
Acetone	16.9		"	10.0		169	14-150	High Bias			
Acrolein	4.11		"	10.0		41.1	10-153				
Acrylonitrile	11.3		"	10.0		113	51-150				
Benzene	12.0		"	10.0		120	85-126				
Bromochloromethane	11.0		"	10.0		110	77-128				
Bromodichloromethane	11.4		"	10.0		114	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42142 - EPA 5030B											
LCS (BH42142-BS1)								Prepared & Analyzed: 08/31/2024			
Bromoform	10.4		ug/L	10.0		104	78-133				
Bromomethane	12.8		"	10.0		128	43-168				
Carbon disulfide	13.9		"	10.0		139	68-146				
Carbon tetrachloride	11.4		"	10.0		114	77-141				
Chlorobenzene	11.5		"	10.0		115	88-120				
Chloroethane	10.0		"	10.0		100	65-136				
Chloroform	11.0		"	10.0		110	82-128				
Chloromethane	10.8		"	10.0		108	43-155				
cis-1,2-Dichloroethylene	11.5		"	10.0		115	83-129				
cis-1,3-Dichloropropylene	11.7		"	10.0		117	80-131				
Cyclohexane	11.0		"	10.0		110	63-149				
Dibromochloromethane	10.5		"	10.0		105	80-130				
Dibromomethane	11.2		"	10.0		112	72-134				
Dichlorodifluoromethane	11.2		"	10.0		112	44-144				
Ethyl Benzene	11.6		"	10.0		116	80-131				
Hexachlorobutadiene	11.6		"	10.0		116	67-146				
Isopropylbenzene	11.8		"	10.0		118	76-140				
Methyl acetate	9.31		"	10.0		93.1	51-139				
Methyl tert-butyl ether (MTBE)	11.6		"	10.0		116	76-135				
Methylcyclohexane	11.1		"	10.0		111	72-143				
Methylene chloride	11.0		"	10.0		110	55-137				
n-Butylbenzene	11.1		"	10.0		111	79-132				
n-Propylbenzene	11.3		"	10.0		113	78-133				
o-Xylene	11.5		"	10.0		115	78-130				
p- & m- Xylenes	22.6		"	20.0		113	77-133				
p-Isopropyltoluene	10.2		"	10.0		102	81-136				
sec-Butylbenzene	11.4		"	10.0		114	79-137				
Styrene	11.9		"	10.0		119	67-132				
tert-Butyl alcohol (TBA)	56.3		"	50.0		113	25-162				
tert-Butylbenzene	11.3		"	10.0		113	77-138				
Tetrachloroethylene	5.94		"	10.0		59.4	82-131	Low Bias			
Toluene	11.7		"	10.0		117	80-127				
trans-1,2-Dichloroethylene	11.9		"	10.0		119	80-132				
trans-1,3-Dichloropropylene	11.5		"	10.0		115	78-131				
Trichloroethylene	10.8		"	10.0		108	82-128				
Trichlorofluoromethane	9.98		"	10.0		99.8	67-139				
Vinyl Chloride	10.7		"	10.0		107	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.09*		*"*	*10.0*		*90.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.98*		*"*	*10.0*		*99.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42142 - EPA 5030B											
LCS Dup (BH42142-BSD1)								Prepared & Analyzed: 08/31/2024			
1,1,1,2-Tetrachloroethane	12.1		ug/L	10.0		121	82-126		4.64	30	
1,1,1-Trichloroethane	11.6		"	10.0		116	78-136		3.43	30	
1,1,2,2-Tetrachloroethane	13.3		"	10.0		133	76-129	High Bias	2.28	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.7		"	10.0		127	54-165		1.82	30	
1,1,2-Trichloroethane	11.6		"	10.0		116	82-123		2.99	30	
1,1-Dichloroethane	11.6		"	10.0		116	82-129		3.78	30	
1,1-Dichloroethylene	12.8		"	10.0		128	68-138		2.38	30	
1,2,3-Trichlorobenzene	12.6		"	10.0		126	76-136		7.33	30	
1,2,3-Trichloropropane	11.6		"	10.0		116	77-128		2.10	30	
1,2,4-Trichlorobenzene	13.0		"	10.0		130	76-137		6.91	30	
1,2,4-Trimethylbenzene	12.6		"	10.0		126	82-132		6.48	30	
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	45-147		4.86	30	
1,2-Dibromoethane	12.0		"	10.0		120	83-124		2.87	30	
1,2-Dichlorobenzene	11.9		"	10.0		119	79-123		6.07	30	
1,2-Dichloroethane	10.9		"	10.0		109	73-132		3.35	30	
1,2-Dichloropropane	11.8		"	10.0		118	78-126		2.93	30	
1,3,5-Trimethylbenzene	12.4		"	10.0		124	80-131		7.04	30	
1,3-Dichlorobenzene	12.1		"	10.0		121	86-122		6.05	30	
1,4-Dichlorobenzene	12.0		"	10.0		120	85-124		5.82	30	
1,4-Dioxane	232		"	210		111	10-349		3.23	30	
2-Butanone	8.86		"	10.0		88.6	49-152		1.02	30	
2-Hexanone	8.18		"	10.0		81.8	51-146		2.10	30	
4-Methyl-2-pentanone	11.0		"	10.0		110	57-145		2.12	30	
Acetone	17.1		"	10.0		171	14-150	High Bias	1.29	30	
Acrolein	4.23		"	10.0		42.3	10-153		2.88	30	
Acrylonitrile	11.8		"	10.0		118	51-150		4.26	30	
Benzene	12.6		"	10.0		126	85-126		4.87	30	
Bromochloromethane	11.4		"	10.0		114	77-128		3.83	30	
Bromodichloromethane	11.8		"	10.0		118	79-128		2.93	30	
Bromoform	10.8		"	10.0		108	78-133		4.05	30	
Bromomethane	13.4		"	10.0		134	43-168		4.74	30	
Carbon disulfide	14.2		"	10.0		142	68-146		2.42	30	
Carbon tetrachloride	12.0		"	10.0		120	77-141		4.27	30	
Chlorobenzene	12.1		"	10.0		121	88-120	High Bias	4.92	30	
Chloroethane	10.1		"	10.0		101	65-136		0.695	30	
Chloroform	11.5		"	10.0		115	82-128		4.89	30	
Chloromethane	11.0		"	10.0		110	43-155		1.10	30	
cis-1,2-Dichloroethylene	11.8		"	10.0		118	83-129		2.83	30	
cis-1,3-Dichloropropylene	12.0		"	10.0		120	80-131		2.61	30	
Cyclohexane	11.6		"	10.0		116	63-149		4.86	30	
Dibromochloromethane	10.9		"	10.0		109	80-130		3.56	30	
Dibromomethane	11.4		"	10.0		114	72-134		2.30	30	
Dichlorodifluoromethane	11.3		"	10.0		113	44-144		0.982	30	
Ethyl Benzene	12.2		"	10.0		122	80-131		5.47	30	
Hexachlorobutadiene	12.4		"	10.0		124	67-146		6.65	30	
Isopropylbenzene	12.4		"	10.0		124	76-140		5.29	30	
Methyl acetate	9.43		"	10.0		94.3	51-139		1.28	30	
Methyl tert-butyl ether (MTBE)	11.9		"	10.0		119	76-135		3.15	30	
Methylcyclohexane	11.6		"	10.0		116	72-143		4.15	30	
Methylene chloride	10.9		"	10.0		109	55-137		0.731	30	
n-Butylbenzene	12.2		"	10.0		122	79-132		8.93	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42142 - EPA 5030B											
LCS Dup (BH42142-BSD1)								Prepared & Analyzed: 08/31/2024			
n-Propylbenzene	12.1		ug/L	10.0		121	78-133		6.65	30	
o-Xylene	12.1		"	10.0		121	78-130		5.09	30	
p- & m- Xylenes	23.8		"	20.0		119	77-133		5.05	30	
p-Isopropyltoluene	11.1		"	10.0		111	81-136		8.56	30	
sec-Butylbenzene	12.3		"	10.0		123	79-137		8.02	30	
Styrene	12.5		"	10.0		125	67-132		5.17	30	
tert-Butyl alcohol (TBA)	57.5		"	50.0		115	25-162		2.23	30	
tert-Butylbenzene	12.2		"	10.0		122	77-138		7.89	30	
Tetrachloroethylene	6.16		"	10.0		61.6	82-131	Low Bias	3.64	30	
Toluene	12.1		"	10.0		121	80-127		3.44	30	
trans-1,2-Dichloroethylene	12.3		"	10.0		123	80-132		2.89	30	
trans-1,3-Dichloropropylene	11.9		"	10.0		119	78-131		3.51	30	
Trichloroethylene	11.2		"	10.0		112	82-128		4.46	30	
Trichlorofluoromethane	10.3		"	10.0		103	67-139		3.25	30	
Vinyl Chloride	11.0		"	10.0		110	58-145		2.40	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.20*		*"*	*10.0*		*92.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.94*		*"*	*10.0*		*99.4*	*79-122*				
Batch BI40098 - EPA 5035A											
Blank (BI40098-BLK1)								Prepared & Analyzed: 09/03/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40098 - EPA 5035A											
Blank (BI40098-BLK1)									Prepared & Analyzed: 09/03/2024		
Bromoform	ND	0.0050	mg/kg wet								
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	"								
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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.3*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.4*		*"*	*50.0*		*109*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40098 - EPA 5035A											
LCS (BI40098-BS1)								Prepared & Analyzed: 09/03/2024			
1,1,1,2-Tetrachloroethane	40.7		ug/L	50.0		81.4	75-129				
1,1,1-Trichloroethane	50.8		"	50.0		102	71-137				
1,1,2,2-Tetrachloroethane	52.0		"	50.0		104	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.5		"	50.0		105	58-146				
1,1,2-Trichloroethane	48.5		"	50.0		97.1	83-123				
1,1-Dichloroethane	50.3		"	50.0		101	75-130				
1,1-Dichloroethylene	56.8		"	50.0		114	64-137				
1,2,3-Trichlorobenzene	47.5		"	50.0		94.9	81-140				
1,2,3-Trichloropropane	49.3		"	50.0		98.6	81-126				
1,2,4-Trichlorobenzene	51.9		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	52.2		"	50.0		104	84-125				
1,2-Dibromo-3-chloropropane	47.4		"	50.0		94.9	74-142				
1,2-Dibromoethane	50.0		"	50.0		99.9	86-123				
1,2-Dichlorobenzene	48.1		"	50.0		96.2	85-122				
1,2-Dichloroethane	53.1		"	50.0		106	71-133				
1,2-Dichloropropane	50.2		"	50.0		100	81-122				
1,3,5-Trimethylbenzene	52.8		"	50.0		106	82-126				
1,3-Dichlorobenzene	49.4		"	50.0		98.8	84-124				
1,4-Dichlorobenzene	48.0		"	50.0		96.0	84-124				
1,4-Dioxane	1000		"	1050		95.4	10-228				
2-Butanone	50.8		"	50.0		102	58-147				
2-Hexanone	48.2		"	50.0		96.4	70-139				
4-Methyl-2-pentanone	48.2		"	50.0		96.3	72-132				
Acetone	127		"	50.0		255	36-155	High Bias			
Acrolein	8.66		"	50.0		17.3	10-238				
Acrylonitrile	52.0		"	50.0		104	66-141				
Benzene	53.4		"	50.0		107	77-127				
Bromochloromethane	52.0		"	50.0		104	74-129				
Bromodichloromethane	50.8		"	50.0		102	81-124				
Bromoform	41.2		"	50.0		82.3	80-136				
Bromomethane	59.9		"	50.0		120	32-177				
Carbon disulfide	57.8		"	50.0		116	10-136				
Carbon tetrachloride	45.0		"	50.0		90.0	66-143				
Chlorobenzene	50.3		"	50.0		101	86-120				
Chloroethane	54.5		"	50.0		109	51-142				
Chloroform	51.6		"	50.0		103	76-131				
Chloromethane	43.3		"	50.0		86.6	49-132				
cis-1,2-Dichloroethylene	51.4		"	50.0		103	74-132				
cis-1,3-Dichloropropylene	49.7		"	50.0		99.4	81-129				
Cyclohexane	48.4		"	50.0		96.9	70-130				
Dibromochloromethane	44.6		"	50.0		89.2	10-200				
Dibromomethane	48.5		"	50.0		97.0	83-124				
Dichlorodifluoromethane	37.8		"	50.0		75.7	28-158				
Ethyl Benzene	54.2		"	50.0		108	84-125				
Hexachlorobutadiene	46.3		"	50.0		92.5	83-133				
Isopropylbenzene	51.7		"	50.0		103	81-127				
Methyl acetate	40.8		"	50.0		81.5	41-143				
Methyl tert-butyl ether (MTBE)	50.3		"	50.0		101	74-131				
Methylcyclohexane	44.9		"	50.0		89.8	70-130				
Methylene chloride	50.6		"	50.0		101	57-141				
n-Butylbenzene	54.2		"	50.0		108	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40098 - EPA 5035A											
LCS (BI40098-BS1)							Prepared & Analyzed: 09/03/2024				
n-Propylbenzene	53.2		ug/L	50.0		106	74-136				
o-Xylene	51.7		"	50.0		103	83-123				
p- & m- Xylenes	112		"	100		112	82-128				
p-Isopropyltoluene	53.8		"	50.0		108	85-125				
sec-Butylbenzene	51.8		"	50.0		104	83-125				
Styrene	51.1		"	50.0		102	86-126				
tert-Butyl alcohol (TBA)	225		"	250		90.1	70-130				
tert-Butylbenzene	49.0		"	50.0		98.1	80-127				
Tetrachloroethylene	38.8		"	50.0		77.6	80-129	Low Bias			
Toluene	51.7		"	50.0		103	85-121				
trans-1,2-Dichloroethylene	53.0		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	49.8		"	50.0		99.7	78-132				
Trichloroethylene	49.0		"	50.0		98.1	84-123				
Trichlorofluoromethane	55.8		"	50.0		112	62-140				
Vinyl Chloride	52.2		"	50.0		104	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*76-130*				
LCS Dup (BI40098-BSD1)							Prepared & Analyzed: 09/03/2024				
1,1,1,2-Tetrachloroethane	36.7		ug/L	50.0		73.4	75-129	Low Bias	10.4	30	
1,1,1-Trichloroethane	46.3		"	50.0		92.6	71-137		9.21	30	
1,1,2,2-Tetrachloroethane	47.7		"	50.0		95.4	79-129		8.57	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.9		"	50.0		99.7	58-146		5.08	30	
1,1,2-Trichloroethane	44.4		"	50.0		88.8	83-123		8.87	30	
1,1-Dichloroethane	46.3		"	50.0		92.6	75-130		8.32	30	
1,1-Dichloroethylene	54.2		"	50.0		108	64-137		4.70	30	
1,2,3-Trichlorobenzene	44.2		"	50.0		88.4	81-140		7.09	30	
1,2,3-Trichloropropane	45.0		"	50.0		90.1	81-126		9.03	30	
1,2,4-Trichlorobenzene	48.2		"	50.0		96.5	80-141		7.37	30	
1,2,4-Trimethylbenzene	65.0		"	50.0		130	84-125	High Bias	21.7	30	
1,2-Dibromo-3-chloropropane	42.9		"	50.0		85.8	74-142		10.0	30	
1,2-Dibromoethane	45.8		"	50.0		91.5	86-123		8.76	30	
1,2-Dichlorobenzene	44.2		"	50.0		88.5	85-122		8.30	30	
1,2-Dichloroethane	49.0		"	50.0		97.9	71-133		8.19	30	
1,2-Dichloropropane	45.7		"	50.0		91.4	81-122		9.36	30	
1,3,5-Trimethylbenzene	48.2		"	50.0		96.4	82-126		9.12	30	
1,3-Dichlorobenzene	62.5		"	50.0		125	84-124	High Bias	23.3	30	
1,4-Dichlorobenzene	59.6		"	50.0		119	84-124		21.5	30	
1,4-Dioxane	964		"	1050		91.9	10-228		3.75	30	
2-Butanone	43.8		"	50.0		87.7	58-147		14.7	30	
2-Hexanone	44.6		"	50.0		89.2	70-139		7.72	30	
4-Methyl-2-pentanone	73.8		"	50.0		148	72-132	High Bias	42.1	30	Non-dir.
Acetone	106		"	50.0		212	36-155	High Bias	18.1	30	
Acrolein	8.89		"	50.0		17.8	10-238		2.62	30	
Acrylonitrile	46.6		"	50.0		93.1	66-141		11.0	30	
Benzene	48.7		"	50.0		97.3	77-127		9.27	30	
Bromochloromethane	46.9		"	50.0		93.8	74-129		10.3	30	
Bromodichloromethane	46.4		"	50.0		92.7	81-124		9.04	30	
Bromoform	36.8		"	50.0		73.7	80-136	Low Bias	11.1	30	
Bromomethane	912		"	50.0		NR	32-177	High Bias	175	30	Non-dir.

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40098 - EPA 5035A											
LCS Dup (BI40098-BSD1)								Prepared & Analyzed: 09/03/2024			
Carbon disulfide	56.4		ug/L	50.0		113	10-136		2.51	30	
Carbon tetrachloride	41.6		"	50.0		83.2	66-143		7.83	30	
Chlorobenzene	45.7		"	50.0		91.4	86-120		9.67	30	
Chloroethane	647		"	50.0		NR	51-142	High Bias	169	30	Non-dir.
Chloroform	46.7		"	50.0		93.5	76-131		9.94	30	
Chloromethane	51.8		"	50.0		104	49-132		17.9	30	
cis-1,2-Dichloroethylene	47.2		"	50.0		94.5	74-132		8.39	30	
cis-1,3-Dichloropropylene	45.2		"	50.0		90.4	81-129		9.57	30	
Cyclohexane	48.3		"	50.0		96.6	70-130		0.289	30	
Dibromochloromethane	40.4		"	50.0		80.7	10-200		10.0	30	
Dibromomethane	45.0		"	50.0		89.9	83-124		7.53	30	
Dichlorodifluoromethane	45.5		"	50.0		91.0	28-158		18.5	30	
Ethyl Benzene	49.0		"	50.0		98.0	84-125		10.1	30	
Hexachlorobutadiene	42.4		"	50.0		84.8	83-133		8.71	30	
Isopropylbenzene	47.8		"	50.0		95.5	81-127		8.02	30	
Methyl acetate	40.5		"	50.0		81.1	41-143		0.541	30	
Methyl tert-butyl ether (MTBE)	47.6		"	50.0		95.1	74-131		5.60	30	
Methylcyclohexane	45.8		"	50.0		91.7	70-130		2.03	30	
Methylene chloride	48.5		"	50.0		97.1	57-141		4.24	30	
n-Butylbenzene	50.5		"	50.0		101	80-130		7.16	30	
n-Propylbenzene	48.7		"	50.0		97.3	74-136		9.01	30	
o-Xylene	46.6		"	50.0		93.1	83-123		10.5	30	
p- & m- Xylenes	101		"	100		101	82-128		9.79	30	
p-Isopropyltoluene	68.0		"	50.0		136	85-125	High Bias	23.3	30	
sec-Butylbenzene	65.2		"	50.0		130	83-125	High Bias	22.8	30	
Styrene	45.9		"	50.0		91.7	86-126		10.7	30	
tert-Butyl alcohol (TBA)	217		"	250		86.9	70-130		3.68	30	
tert-Butylbenzene	60.9		"	50.0		122	80-127		21.6	30	
Tetrachloroethylene	36.0		"	50.0		72.1	80-129	Low Bias	7.43	30	
Toluene	47.6		"	50.0		95.1	85-121		8.44	30	
trans-1,2-Dichloroethylene	49.2		"	50.0		98.5	72-132		7.39	30	
trans-1,3-Dichloropropylene	45.4		"	50.0		90.9	78-132		9.28	30	
Trichloroethylene	45.7		"	50.0		91.4	84-123		7.01	30	
Trichlorofluoromethane	102		"	50.0		204	62-140	High Bias	58.6	30	Non-dir.
Vinyl Chloride	60.2		"	50.0		120	52-130		14.2	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.0*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40145 - EPA 5035A											
Blank (BI40145-BLK2)											
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								

Prepared & Analyzed: 09/04/2024

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40145 - EPA 5035A											
Blank (BI40145-BLK2)								Prepared & Analyzed: 09/04/2024			
n-Propylbenzene	ND	0.50	mg/kg wet								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*ug/L*	*50.0*		*97.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.2*		*"*	*50.0*		*96.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.1*	*76-130*				
LCS (BI40145-BS2)								Prepared & Analyzed: 09/04/2024			
1,1,1,2-Tetrachloroethane	46.5		ug/L	50.0		93.1	75-129				
1,1,1-Trichloroethane	45.3		"	50.0		90.7	71-137				
1,1,2,2-Tetrachloroethane	45.9		"	50.0		91.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.8		"	50.0		91.7	58-146				
1,1,2-Trichloroethane	44.2		"	50.0		88.3	83-123				
1,1-Dichloroethane	43.8		"	50.0		87.5	75-130				
1,1-Dichloroethylene	45.7		"	50.0		91.4	64-137				
1,2,3-Trichlorobenzene	45.6		"	50.0		91.2	81-140				
1,2,3-Trichloropropane	46.2		"	50.0		92.4	81-126				
1,2,4-Trichlorobenzene	47.0		"	50.0		93.9	80-141				
1,2,4-Trimethylbenzene	44.3		"	50.0		88.6	84-125				
1,2-Dibromo-3-chloropropane	46.7		"	50.0		93.4	74-142				
1,2-Dibromoethane	47.0		"	50.0		94.0	86-123				
1,2-Dichlorobenzene	45.5		"	50.0		90.9	85-122				
1,2-Dichloroethane	43.8		"	50.0		87.6	71-133				
1,2-Dichloropropane	42.3		"	50.0		84.6	81-122				
1,3,5-Trimethylbenzene	44.1		"	50.0		88.2	82-126				
1,3-Dichlorobenzene	44.7		"	50.0		89.4	84-124				
1,4-Dichlorobenzene	44.5		"	50.0		88.9	84-124				
1,4-Dioxane	1020		"	1050		97.4	10-228				
2-Butanone	48.4		"	50.0		96.9	58-147				
2-Hexanone	41.4		"	50.0		82.7	70-139				
4-Methyl-2-pentanone	41.6		"	50.0		83.2	72-132				
Acetone	121		"	50.0		242	36-155	High Bias			
Acrolein	6.87		"	50.0		13.7	10-238				
Acrylonitrile	52.1		"	50.0		104	66-141				
Benzene	47.9		"	50.0		95.7	77-127				
Bromochloromethane	43.6		"	50.0		87.3	74-129				
Bromodichloromethane	43.1		"	50.0		86.1	81-124				
Bromoform	43.3		"	50.0		86.7	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40145 - EPA 5035A											
LCS (BI40145-BS2)							Prepared & Analyzed: 09/04/2024				
Bromomethane	43.6		ug/L	50.0		87.2	32-177				
Carbon disulfide	51.9		"	50.0		104	10-136				
Carbon tetrachloride	48.2		"	50.0		96.3	66-143				
Chlorobenzene	45.7		"	50.0		91.5	86-120				
Chloroethane	39.9		"	50.0		79.7	51-142				
Chloroform	45.5		"	50.0		91.0	76-131				
Chloromethane	42.8		"	50.0		85.5	49-132				
cis-1,2-Dichloroethylene	44.2		"	50.0		88.4	74-132				
cis-1,3-Dichloropropylene	41.3		"	50.0		82.6	81-129				
Cyclohexane	43.2		"	50.0		86.3	70-130				
Dibromochloromethane	42.4		"	50.0		84.9	10-200				
Dibromomethane	43.3		"	50.0		86.6	83-124				
Dichlorodifluoromethane	45.6		"	50.0		91.2	28-158				
Ethyl Benzene	44.1		"	50.0		88.1	84-125				
Hexachlorobutadiene	47.2		"	50.0		94.3	83-133				
Isopropylbenzene	43.5		"	50.0		87.1	81-127				
Methyl acetate	44.3		"	50.0		88.6	41-143				
Methyl tert-butyl ether (MTBE)	46.4		"	50.0		92.8	74-131				
Methylcyclohexane	41.4		"	50.0		82.8	70-130				
Methylene chloride	43.2		"	50.0		86.4	57-141				
n-Butylbenzene	41.5		"	50.0		83.0	80-130				
n-Propylbenzene	42.0		"	50.0		83.9	74-136				
o-Xylene	43.1		"	50.0		86.2	83-123				
p- & m- Xylenes	84.6		"	100		84.6	82-128				
p-Isopropyltoluene	44.4		"	50.0		88.8	85-125				
sec-Butylbenzene	43.2		"	50.0		86.5	83-125				
Styrene	44.9		"	50.0		89.9	86-126				
tert-Butyl alcohol (TBA)	224		"	250		89.6	70-130				
tert-Butylbenzene	43.5		"	50.0		87.0	80-127				
Tetrachloroethylene	41.9		"	50.0		83.8	80-129				
Toluene	43.9		"	50.0		87.8	85-121				
trans-1,2-Dichloroethylene	44.0		"	50.0		88.1	72-132				
trans-1,3-Dichloropropylene	41.9		"	50.0		83.7	78-132				
Trichloroethylene	43.6		"	50.0		87.1	84-123				
Trichlorofluoromethane	50.2		"	50.0		100	62-140				
Vinyl Chloride	38.7		"	50.0		77.4	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.6*		*"*	*50.0*		*95.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.7*		*"*	*50.0*		*93.4*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40145 - EPA 5035A											
LCS Dup (BI40145-BSD2)								Prepared & Analyzed: 09/04/2024			
1,1,1,2-Tetrachloroethane	51.0		ug/L	50.0		102	75-129		9.11	30	
1,1,1-Trichloroethane	48.3		"	50.0		96.5	71-137		6.28	30	
1,1,2,2-Tetrachloroethane	51.7		"	50.0		103	79-129		11.9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.1		"	50.0		96.3	58-146		4.90	30	
1,1,2-Trichloroethane	49.3		"	50.0		98.6	83-123		11.0	30	
1,1-Dichloroethane	46.0		"	50.0		91.9	75-130		4.88	30	
1,1-Dichloroethylene	46.0		"	50.0		92.1	64-137		0.763	30	
1,2,3-Trichlorobenzene	49.5		"	50.0		99.0	81-140		8.20	30	
1,2,3-Trichloropropane	50.7		"	50.0		101	81-126		9.25	30	
1,2,4-Trichlorobenzene	50.5		"	50.0		101	80-141		7.35	30	
1,2,4-Trimethylbenzene	46.2		"	50.0		92.4	84-125		4.20	30	
1,2-Dibromo-3-chloropropane	51.9		"	50.0		104	74-142		10.5	30	
1,2-Dibromoethane	52.4		"	50.0		105	86-123		10.9	30	
1,2-Dichlorobenzene	49.5		"	50.0		99.1	85-122		8.55	30	
1,2-Dichloroethane	47.0		"	50.0		93.9	71-133		6.96	30	
1,2-Dichloropropane	44.6		"	50.0		89.2	81-122		5.29	30	
1,3,5-Trimethylbenzene	45.8		"	50.0		91.7	82-126		3.91	30	
1,3-Dichlorobenzene	48.3		"	50.0		96.7	84-124		7.80	30	
1,4-Dichlorobenzene	48.0		"	50.0		96.0	84-124		7.70	30	
1,4-Dioxane	1240		"	1050		118	10-228		19.2	30	
2-Butanone	56.1		"	50.0		112	58-147		14.7	30	
2-Hexanone	48.3		"	50.0		96.7	70-139		15.5	30	
4-Methyl-2-pentanone	46.8		"	50.0		93.5	72-132		11.6	30	
Acetone	143		"	50.0		286	36-155	High Bias	16.8	30	
Acrolein	7.55		"	50.0		15.1	10-238		9.43	30	
Acrylonitrile	58.6		"	50.0		117	66-141		11.8	30	
Benzene	50.6		"	50.0		101	77-127		5.64	30	
Bromochloromethane	45.9		"	50.0		91.9	74-129		5.14	30	
Bromodichloromethane	45.6		"	50.0		91.2	81-124		5.75	30	
Bromoform	50.8		"	50.0		102	80-136		15.9	30	
Bromomethane	41.1		"	50.0		82.2	32-177		5.85	30	
Carbon disulfide	52.1		"	50.0		104	10-136		0.423	30	
Carbon tetrachloride	50.7		"	50.0		101	66-143		5.16	30	
Chlorobenzene	49.0		"	50.0		98.0	86-120		6.84	30	
Chloroethane	35.6		"	50.0		71.3	51-142		11.2	30	
Chloroform	48.2		"	50.0		96.4	76-131		5.76	30	
Chloromethane	42.4		"	50.0		84.8	49-132		0.846	30	
cis-1,2-Dichloroethylene	46.4		"	50.0		92.7	74-132		4.70	30	
cis-1,3-Dichloropropylene	43.8		"	50.0		87.7	81-129		5.92	30	
Cyclohexane	42.8		"	50.0		85.5	70-130		0.954	30	
Dibromochloromethane	47.5		"	50.0		94.9	10-200		11.1	30	
Dibromomethane	46.4		"	50.0		92.8	83-124		6.87	30	
Dichlorodifluoromethane	37.3		"	50.0		74.6	28-158		20.1	30	
Ethyl Benzene	46.4		"	50.0		92.8	84-125		5.13	30	
Hexachlorobutadiene	50.9		"	50.0		102	83-133		7.57	30	
Isopropylbenzene	44.6		"	50.0		89.2	81-127		2.38	30	
Methyl acetate	46.9		"	50.0		93.8	41-143		5.66	30	
Methyl tert-butyl ether (MTBE)	49.2		"	50.0		98.3	74-131		5.82	30	
Methylcyclohexane	40.5		"	50.0		81.1	70-130		2.12	30	
Methylene chloride	44.1		"	50.0		88.3	57-141		2.20	30	
n-Butylbenzene	43.4		"	50.0		86.7	80-130		4.38	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40145 - EPA 5035A											
LCS Dup (BI40145-BSD2)								Prepared & Analyzed: 09/04/2024			
n-Propylbenzene	42.9		ug/L	50.0		85.8	74-136		2.14	30	
o-Xylene	46.3		"	50.0		92.6	83-123		7.20	30	
p- & m- Xylenes	89.8		"	100		89.8	82-128		5.92	30	
p-Isopropyltoluene	46.7		"	50.0		93.4	85-125		5.09	30	
sec-Butylbenzene	45.2		"	50.0		90.4	83-125		4.43	30	
Styrene	49.1		"	50.0		98.2	86-126		8.89	30	
tert-Butyl alcohol (TBA)	637		"	250		255	70-130	High Bias	95.9	30	Non-dir.
tert-Butylbenzene	45.8		"	50.0		91.5	80-127		5.06	30	
Tetrachloroethylene	45.0		"	50.0		90.0	80-129		7.14	30	
Toluene	46.0		"	50.0		91.9	85-121		4.61	30	
trans-1,2-Dichloroethylene	46.3		"	50.0		92.5	72-132		4.96	30	
trans-1,3-Dichloropropylene	45.6		"	50.0		91.3	78-132		8.62	30	
Trichloroethylene	45.6		"	50.0		91.1	84-123		4.53	30	
Trichlorofluoromethane	42.5		"	50.0		85.1	62-140		16.5	30	
Vinyl Chloride	37.6		"	50.0		75.1	52-130		2.96	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.6*		*"*	*50.0*		*93.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*45.7*		*"*	*50.0*		*91.4*	*76-130*				
Batch BI40227 - EPA 5035A											
Blank (BI40227-BLK1)								Prepared & Analyzed: 09/05/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40227 - EPA 5035A											
Blank (BI40227-BLK1)									Prepared & Analyzed: 09/05/2024		
Bromoform	ND	0.0050	mg/kg wet								
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	"								
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	0.0053	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	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*ug/L*	*50.0*		*98.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.2*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40227 - EPA 5035A											
Blank (BI40227-BLK2)									Prepared & Analyzed: 09/05/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40227 - EPA 5035A											
Blank (BI40227-BLK2)								Prepared & Analyzed: 09/05/2024			
n-Propylbenzene	ND	0.50	mg/kg wet								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.8*		*ug/L*	*50.0*		*93.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.4*	*76-130*				
LCS (BI40227-BS1)								Prepared & Analyzed: 09/05/2024			
1,1,1,2-Tetrachloroethane	42.0		ug/L	50.0		84.1	75-129				
1,1,1-Trichloroethane	42.6		"	50.0		85.3	71-137				
1,1,2,2-Tetrachloroethane	44.2		"	50.0		88.4	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.4		"	50.0		96.7	58-146				
1,1,2-Trichloroethane	41.3		"	50.0		82.7	80-123				
1,1-Dichloroethane	39.4		"	50.0		78.9	75-130				
1,1-Dichloroethylene	47.0		"	50.0		94.0	64-137				
1,2,3-Trichlorobenzene	44.3		"	50.0		88.6	81-140				
1,2,3-Trichloropropane	44.9		"	50.0		89.9	81-126				
1,2,4-Trichlorobenzene	45.3		"	50.0		90.5	80-141				
1,2,4-Trimethylbenzene	41.5		"	50.0		82.9	80-125				
1,2-Dibromo-3-chloropropane	43.0		"	50.0		86.0	74-142				
1,2-Dibromoethane	44.0		"	50.0		88.1	86-123				
1,2-Dichlorobenzene	41.4		"	50.0		82.8	80-122				
1,2-Dichloroethane	39.6		"	50.0		79.2	71-133				
1,2-Dichloropropane	38.5		"	50.0		77.1	80-122	Low Bias			
1,3,5-Trimethylbenzene	42.0		"	50.0		84.0	82-126				
1,3-Dichlorobenzene	42.0		"	50.0		84.0	84-124				
1,4-Dichlorobenzene	42.0		"	50.0		83.9	80-124				
1,4-Dioxane	1170		"	1050		111	10-228				
2-Butanone	55.0		"	50.0		110	58-147				
2-Hexanone	42.6		"	50.0		85.2	70-139				
4-Methyl-2-pentanone	42.4		"	50.0		84.8	72-132				
Acetone	124		"	50.0		249	80-155	High Bias			
Acrolein	12.1		"	50.0		24.1	10-238				
Acrylonitrile	51.5		"	50.0		103	66-141				
Benzene	44.4		"	50.0		88.7	77-127				
Bromochloromethane	39.3		"	50.0		78.6	74-129				
Bromodichloromethane	38.4		"	50.0		76.8	80-124	Low Bias			
Bromoform	47.6		"	50.0		95.2	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40227 - EPA 5035A											
LCS (BI40227-BS1)								Prepared & Analyzed: 09/05/2024			
Bromomethane	30.6		ug/L	50.0		61.1	32-177				
Carbon disulfide	49.6		"	50.0		99.2	10-136				
Carbon tetrachloride	44.9		"	50.0		89.7	66-143				
Chlorobenzene	43.0		"	50.0		86.0	86-120				
Chloroethane	36.0		"	50.0		71.9	51-142				
Chloroform	40.9		"	50.0		81.8	76-131				
Chloromethane	35.6		"	50.0		71.3	49-132				
cis-1,2-Dichloroethylene	40.4		"	50.0		80.8	74-132				
cis-1,3-Dichloropropylene	38.1		"	50.0		76.1	80-129	Low Bias			
Cyclohexane	41.3		"	50.0		82.7	70-130				
Dibromochloromethane	43.4		"	50.0		86.8	10-200				
Dibromomethane	39.4		"	50.0		78.7	80-124	Low Bias			
Dichlorodifluoromethane	35.6		"	50.0		71.3	28-158				
Ethyl Benzene	41.5		"	50.0		82.9	80-125				
Hexachlorobutadiene	42.0		"	50.0		84.0	83-133				
Isopropylbenzene	42.9		"	50.0		85.7	81-127				
Methyl acetate	44.1		"	50.0		88.2	41-143				
Methyl tert-butyl ether (MTBE)	42.2		"	50.0		84.4	74-131				
Methylcyclohexane	40.9		"	50.0		81.7	70-130				
Methylene chloride	43.0		"	50.0		86.1	57-141				
n-Butylbenzene	39.3		"	50.0		78.7	80-130	Low Bias			
n-Propylbenzene	41.1		"	50.0		82.1	74-136				
o-Xylene	40.0		"	50.0		80.0	80-123				
p- & m- Xylenes	80.4		"	100		80.4	80-128				
p-Isopropyltoluene	42.0		"	50.0		84.1	80-125				
sec-Butylbenzene	41.1		"	50.0		82.3	80-125				
Styrene	40.8		"	50.0		81.7	80-126				
tert-Butyl alcohol (TBA)	275		"	250		110	70-130				
tert-Butylbenzene	41.5		"	50.0		83.1	80-127				
Tetrachloroethylene	40.2		"	50.0		80.3	80-129				
Toluene	41.1		"	50.0		82.2	80-121				
trans-1,2-Dichloroethylene	41.4		"	50.0		82.9	72-132				
trans-1,3-Dichloropropylene	39.3		"	50.0		78.6	78-132				
Trichloroethylene	41.6		"	50.0		83.3	80-123				
Trichlorofluoromethane	34.3		"	50.0		68.6	62-140				
Vinyl Chloride	35.5		"	50.0		71.0	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.7*		*"*	*50.0*		*95.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40227 - EPA 5035A											
LCS (BI40227-BS2)								Prepared & Analyzed: 09/05/2024			
1,1,1,2-Tetrachloroethane	46.2		ug/L	50.0		92.5	75-129				
1,1,1-Trichloroethane	45.2		"	50.0		90.4	71-137				
1,1,2,2-Tetrachloroethane	46.6		"	50.0		93.2	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.4		"	50.0		94.8	58-146				
1,1,2-Trichloroethane	44.3		"	50.0		88.6	83-123				
1,1-Dichloroethane	44.2		"	50.0		88.3	75-130				
1,1-Dichloroethylene	46.5		"	50.0		93.0	64-137				
1,2,3-Trichlorobenzene	44.2		"	50.0		88.4	81-140				
1,2,3-Trichloropropane	45.6		"	50.0		91.3	81-126				
1,2,4-Trichlorobenzene	46.6		"	50.0		93.3	80-141				
1,2,4-Trimethylbenzene	43.4		"	50.0		86.8	84-125				
1,2-Dibromo-3-chloropropane	48.5		"	50.0		97.0	74-142				
1,2-Dibromoethane	46.6		"	50.0		93.2	86-123				
1,2-Dichlorobenzene	45.8		"	50.0		91.5	85-122				
1,2-Dichloroethane	42.9		"	50.0		85.8	71-133				
1,2-Dichloropropane	41.4		"	50.0		82.9	81-122				
1,3,5-Trimethylbenzene	43.0		"	50.0		85.9	82-126				
1,3-Dichlorobenzene	45.0		"	50.0		90.0	84-124				
1,4-Dichlorobenzene	45.3		"	50.0		90.5	84-124				
1,4-Dioxane	1180		"	1050		113	10-228				
2-Butanone	53.7		"	50.0		107	58-147				
2-Hexanone	47.5		"	50.0		95.0	70-139				
4-Methyl-2-pentanone	45.7		"	50.0		91.3	72-132				
Acetone	130		"	50.0		260	36-155	High Bias			
Acrolein	8.29		"	50.0		16.6	10-238				
Acrylonitrile	58.8		"	50.0		118	66-141				
Benzene	47.9		"	50.0		95.9	77-127				
Bromochloromethane	43.7		"	50.0		87.4	74-129				
Bromodichloromethane	41.5		"	50.0		83.0	81-124				
Bromoform	46.5		"	50.0		92.9	80-136				
Bromomethane	39.8		"	50.0		79.6	32-177				
Carbon disulfide	53.1		"	50.0		106	10-136				
Carbon tetrachloride	48.2		"	50.0		96.4	66-143				
Chlorobenzene	46.0		"	50.0		92.0	86-120				
Chloroethane	36.3		"	50.0		72.6	51-142				
Chloroform	44.8		"	50.0		89.5	76-131				
Chloromethane	44.5		"	50.0		88.9	49-132				
cis-1,2-Dichloroethylene	43.5		"	50.0		87.0	74-132				
cis-1,3-Dichloropropylene	40.7		"	50.0		81.4	81-129				
Cyclohexane	43.6		"	50.0		87.2	70-130				
Dibromochloromethane	42.9		"	50.0		85.7	10-200				
Dibromomethane	41.6		"	50.0		83.3	83-124				
Dichlorodifluoromethane	46.0		"	50.0		91.9	28-158				
Ethyl Benzene	43.7		"	50.0		87.3	84-125				
Hexachlorobutadiene	48.8		"	50.0		97.5	83-133				
Isopropylbenzene	41.6		"	50.0		83.3	81-127				
Methyl acetate	47.1		"	50.0		94.3	41-143				
Methyl tert-butyl ether (MTBE)	45.7		"	50.0		91.4	74-131				
Methylcyclohexane	41.8		"	50.0		83.6	70-130				
Methylene chloride	41.7		"	50.0		83.5	57-141				
n-Butylbenzene	41.9		"	50.0		83.7	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

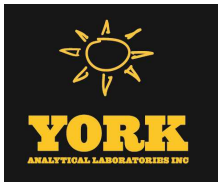
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40227 - EPA 5035A											
LCS (BI40227-BS2)								Prepared & Analyzed: 09/05/2024			
n-Propylbenzene	40.3		ug/L	50.0		80.7	74-136				
o-Xylene	43.2		"	50.0		86.3	83-123				
p- & m- Xylenes	84.0		"	100		84.0	82-128				
p-Isopropyltoluene	44.7		"	50.0		89.5	85-125				
sec-Butylbenzene	42.7		"	50.0		85.4	83-125				
Styrene	45.7		"	50.0		91.3	86-126				
tert-Butyl alcohol (TBA)	158		"	250		63.0	70-130	Low Bias			
tert-Butylbenzene	43.0		"	50.0		86.0	80-127				
Tetrachloroethylene	42.7		"	50.0		85.4	80-129				
Toluene	43.2		"	50.0		86.4	85-121				
trans-1,2-Dichloroethylene	44.9		"	50.0		89.8	72-132				
trans-1,3-Dichloropropylene	41.2		"	50.0		82.4	78-132				
Trichloroethylene	43.9		"	50.0		87.9	84-123				
Trichlorofluoromethane	37.6		"	50.0		75.2	62-140				
Vinyl Chloride	40.5		"	50.0		80.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.6*		*"*	*50.0*		*93.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.5*		*"*	*50.0*		*93.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*45.8*		*"*	*50.0*		*91.6*	*76-130*				
LCS Dup (BI40227-BSD1)								Prepared & Analyzed: 09/05/2024			
1,1,1,2-Tetrachloroethane	44.2		ug/L	50.0		88.4	75-129		4.96	30	
1,1,1-Trichloroethane	45.3		"	50.0		90.5	71-137		5.98	30	
1,1,2,2-Tetrachloroethane	47.7		"	50.0		95.4	79-129		7.70	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.2		"	50.0		98.4	58-146		1.72	30	
1,1,2-Trichloroethane	44.7		"	50.0		89.4	83-123		7.77	30	
1,1-Dichloroethane	42.0		"	50.0		83.9	75-130		6.22	30	
1,1-Dichloroethylene	50.5		"	50.0		101	64-137		7.18	30	
1,2,3-Trichlorobenzene	47.4		"	50.0		94.8	81-140		6.83	30	
1,2,3-Trichloropropane	49.1		"	50.0		98.2	81-126		8.89	30	
1,2,4-Trichlorobenzene	48.3		"	50.0		96.7	80-141		6.56	30	
1,2,4-Trimethylbenzene	43.6		"	50.0		87.3	84-125		5.10	30	
1,2-Dibromo-3-chloropropane	47.1		"	50.0		94.2	74-142		9.19	30	
1,2-Dibromoethane	47.3		"	50.0		94.6	86-123		7.16	30	
1,2-Dichlorobenzene	43.8		"	50.0		87.7	85-122		5.72	30	
1,2-Dichloroethane	41.9		"	50.0		83.7	71-133		5.57	30	
1,2-Dichloropropane	41.2		"	50.0		82.5	81-122		6.74	30	
1,3,5-Trimethylbenzene	44.8		"	50.0		89.7	82-126		6.52	30	
1,3-Dichlorobenzene	44.4		"	50.0		88.8	84-124		5.55	30	
1,4-Dichlorobenzene	44.7		"	50.0		89.4	84-124		6.37	30	
1,4-Dioxane	1290		"	1050		123	10-228		10.0	30	
2-Butanone	61.0		"	50.0		122	58-147		10.3	30	
2-Hexanone	45.7		"	50.0		91.5	70-139		7.06	30	
4-Methyl-2-pentanone	46.0		"	50.0		92.0	72-132		8.10	30	
Acetone	134		"	50.0		269	36-155	High Bias	7.77	30	
Acrolein	11.0		"	50.0		22.0	10-238		9.28	30	
Acrylonitrile	55.8		"	50.0		112	66-141		8.09	30	
Benzene	47.0		"	50.0		94.1	77-127		5.86	30	
Bromochloromethane	41.9		"	50.0		83.7	74-129		6.36	30	
Bromodichloromethane	41.3		"	50.0		82.5	81-124		7.15	30	
Bromoform	51.2		"	50.0		102	80-136		7.21	30	
Bromomethane	31.7		"	50.0		63.3	32-177		3.60	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40227 - EPA 5035A											
LCS Dup (BI40227-BSD1)							Prepared & Analyzed: 09/05/2024				
Carbon disulfide	52.9		ug/L	50.0		106	10-136		6.46	30	
Carbon tetrachloride	48.2		"	50.0		96.4	66-143		7.18	30	
Chlorobenzene	44.6		"	50.0		89.3	86-120		3.77	30	
Chloroethane	37.9		"	50.0		75.8	51-142		5.28	30	
Chloroform	43.5		"	50.0		86.9	76-131		6.02	30	
Chloromethane	37.0		"	50.0		73.9	49-132		3.66	30	
cis-1,2-Dichloroethylene	42.2		"	50.0		84.5	74-132		4.53	30	
cis-1,3-Dichloropropylene	40.9		"	50.0		81.8	81-129		7.17	30	
Cyclohexane	42.4		"	50.0		84.8	70-130		2.56	30	
Dibromochloromethane	47.3		"	50.0		94.6	10-200		8.62	30	
Dibromomethane	41.8		"	50.0		83.7	83-124		6.16	30	
Dichlorodifluoromethane	35.1		"	50.0		70.2	28-158		1.55	30	
Ethyl Benzene	43.3		"	50.0		86.7	84-125		4.43	30	
Hexachlorobutadiene	42.3		"	50.0		84.7	83-133		0.830	30	
Isopropylbenzene	45.0		"	50.0		90.0	81-127		4.87	30	
Methyl acetate	46.7		"	50.0		93.4	41-143		5.79	30	
Methyl tert-butyl ether (MTBE)	45.6		"	50.0		91.1	74-131		7.61	30	
Methylcyclohexane	40.6		"	50.0		81.3	70-130		0.564	30	
Methylene chloride	44.6		"	50.0		89.3	57-141		3.63	30	
n-Butylbenzene	40.8		"	50.0		81.5	80-130		3.57	30	
n-Propylbenzene	42.9		"	50.0		85.8	74-136		4.34	30	
o-Xylene	42.0		"	50.0		84.0	83-123		4.88	30	
p- & m- Xylenes	84.0		"	100		84.0	82-128		4.41	30	
p-Isopropyltoluene	44.2		"	50.0		88.3	85-125		4.92	30	
sec-Butylbenzene	42.8		"	50.0		85.5	83-125		3.91	30	
Styrene	43.1		"	50.0		86.3	86-126		5.45	30	
tert-Butyl alcohol (TBA)	299		"	250		120	70-130		8.60	30	
tert-Butylbenzene	43.6		"	50.0		87.2	80-127		4.91	30	
Tetrachloroethylene	42.2		"	50.0		84.5	80-129		5.05	30	
Toluene	43.6		"	50.0		87.3	85-121		5.97	30	
trans-1,2-Dichloroethylene	43.5		"	50.0		87.0	72-132		4.85	30	
trans-1,3-Dichloropropylene	42.2		"	50.0		84.4	78-132		7.09	30	
Trichloroethylene	44.0		"	50.0		88.1	84-123		5.65	30	
Trichlorofluoromethane	36.1		"	50.0		72.2	62-140		5.09	30	
Vinyl Chloride	36.9		"	50.0		73.8	52-130		3.92	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.0*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40227 - EPA 5035A											
LCS Dup (BI40227-BSD2)								Prepared & Analyzed: 09/05/2024			
1,1,1,2-Tetrachloroethane	45.3		ug/L	50.0		90.6	75-129		2.10	30	
1,1,1-Trichloroethane	44.5		"	50.0		88.9	71-137		1.65	30	
1,1,2,2-Tetrachloroethane	45.1		"	50.0		90.2	79-129		3.34	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.4		"	50.0		94.9	58-146		0.105	30	
1,1,2-Trichloroethane	42.5		"	50.0		85.0	83-123		4.10	30	
1,1-Dichloroethane	41.8		"	50.0		83.5	75-130		5.61	30	
1,1-Dichloroethylene	45.9		"	50.0		91.8	64-137		1.34	30	
1,2,3-Trichlorobenzene	44.2		"	50.0		88.5	81-140		0.136	30	
1,2,3-Trichloropropane	45.3		"	50.0		90.6	81-126		0.770	30	
1,2,4-Trichlorobenzene	45.8		"	50.0		91.7	80-141		1.73	30	
1,2,4-Trimethylbenzene	42.6		"	50.0		85.2	84-125		1.84	30	
1,2-Dibromo-3-chloropropane	46.3		"	50.0		92.7	74-142		4.56	30	
1,2-Dibromoethane	45.6		"	50.0		91.3	86-123		2.02	30	
1,2-Dichlorobenzene	44.7		"	50.0		89.5	85-122		2.25	30	
1,2-Dichloroethane	41.0		"	50.0		82.1	71-133		4.36	30	
1,2-Dichloropropane	40.2		"	50.0		80.4	81-122	Low Bias	3.11	30	
1,3,5-Trimethylbenzene	42.2		"	50.0		84.4	82-126		1.76	30	
1,3-Dichlorobenzene	43.9		"	50.0		87.9	84-124		2.36	30	
1,4-Dichlorobenzene	44.0		"	50.0		87.9	84-124		2.94	30	
1,4-Dioxane	1150		"	1050		110	10-228		2.73	30	
2-Butanone	50.6		"	50.0		101	58-147		6.06	30	
2-Hexanone	44.5		"	50.0		89.1	70-139		6.48	30	
4-Methyl-2-pentanone	43.1		"	50.0		86.2	72-132		5.84	30	
Acetone	124		"	50.0		249	36-155	High Bias	4.31	30	
Acrolein	7.80		"	50.0		15.6	10-238		6.09	30	
Acrylonitrile	55.9		"	50.0		112	66-141		5.11	30	
Benzene	46.1		"	50.0		92.3	77-127		3.85	30	
Bromochloromethane	41.9		"	50.0		83.8	74-129		4.16	30	
Bromodichloromethane	40.7		"	50.0		81.3	81-124		2.02	30	
Bromoform	44.3		"	50.0		88.5	80-136		4.85	30	
Bromomethane	38.3		"	50.0		76.6	32-177		3.84	30	
Carbon disulfide	51.7		"	50.0		103	10-136		2.67	30	
Carbon tetrachloride	47.3		"	50.0		94.5	66-143		1.95	30	
Chlorobenzene	44.6		"	50.0		89.1	86-120		3.20	30	
Chloroethane	34.8		"	50.0		69.6	51-142		4.22	30	
Chloroform	44.0		"	50.0		88.0	76-131		1.71	30	
Chloromethane	42.0		"	50.0		84.0	49-132		5.71	30	
cis-1,2-Dichloroethylene	42.8		"	50.0		85.6	74-132		1.62	30	
cis-1,3-Dichloropropylene	39.4		"	50.0		78.8	81-129	Low Bias	3.20	30	
Cyclohexane	42.9		"	50.0		85.9	70-130		1.57	30	
Dibromochloromethane	41.3		"	50.0		82.7	10-200		3.61	30	
Dibromomethane	40.7		"	50.0		81.4	83-124	Low Bias	2.23	30	
Dichlorodifluoromethane	43.7		"	50.0		87.5	28-158		4.95	30	
Ethyl Benzene	42.0		"	50.0		84.0	84-125		3.88	30	
Hexachlorobutadiene	48.2		"	50.0		96.3	83-133		1.26	30	
Isopropylbenzene	40.9		"	50.0		81.8	81-127		1.84	30	
Methyl acetate	45.6		"	50.0		91.2	41-143		3.34	30	
Methyl tert-butyl ether (MTBE)	44.1		"	50.0		88.3	74-131		3.50	30	
Methylcyclohexane	41.3		"	50.0		82.6	70-130		1.25	30	
Methylene chloride	40.5		"	50.0		81.0	57-141		3.04	30	
n-Butylbenzene	40.8		"	50.0		81.6	80-130		2.54	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40227 - EPA 5035A											
LCS Dup (BI40227-BSD2)								Prepared & Analyzed: 09/05/2024			
n-Propylbenzene	39.6		ug/L	50.0		79.2	74-136		1.90	30	
o-Xylene	41.7		"	50.0		83.5	83-123		3.35	30	
p- & m- Xylenes	81.1		"	100		81.1	82-128	Low Bias	3.49	30	
p-Isopropyltoluene	43.5		"	50.0		86.9	85-125		2.90	30	
sec-Butylbenzene	42.1		"	50.0		84.1	83-125		1.53	30	
Styrene	43.8		"	50.0		87.5	86-126		4.27	30	
tert-Butyl alcohol (TBA)	586		"	250		234	70-130	High Bias	115	30	Non-dir.
tert-Butylbenzene	42.4		"	50.0		84.9	80-127		1.26	30	
Tetrachloroethylene	42.1		"	50.0		84.2	80-129		1.37	30	
Toluene	42.0		"	50.0		84.1	85-121	Low Bias	2.67	30	
trans-1,2-Dichloroethylene	43.1		"	50.0		86.1	72-132		4.18	30	
trans-1,3-Dichloropropylene	39.9		"	50.0		79.8	78-132		3.26	30	
Trichloroethylene	42.3		"	50.0		84.6	84-123		3.76	30	
Trichlorofluoromethane	37.0		"	50.0		74.1	62-140		1.55	30	
Vinyl Chloride	38.6		"	50.0		77.1	52-130		4.78	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.1*		*"*	*50.0*		*92.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.6*		*"*	*50.0*		*93.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*45.9*		*"*	*50.0*		*91.8*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40071 - EPA 3550C											
Blank (BI40071-BLK1)											
Prepared: 09/03/2024 Analyzed: 09/04/2024											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40071 - EPA 3550C											
Blank (BI40071-BLK1)											
Prepared: 09/03/2024 Analyzed: 09/04/2024											
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
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	*1.44*		"	*1.66*		*87.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.20*		"	*1.66*		*72.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.905*		"	*0.831*		*109*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.776*		"	*0.831*		*93.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.70*		"	*1.66*		*163*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.867*		"	*0.831*		*104*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40071 - EPA 3550C											
LCS (BI40071-BS1)								Prepared: 09/03/2024 Analyzed: 09/04/2024			
1,1-Biphenyl	0.728	0.0416	mg/kg wet	0.831		87.7	18-111				
1,2,4,5-Tetrachlorobenzene	0.877	0.0830	"	0.831		106	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.719	0.0416	"	0.831		86.5	17-137				
2,3,4,6-Tetrachlorophenol	0.742	0.0830	"	0.831		89.3	30-130				
2,4,5-Trichlorophenol	0.727	0.0416	"	0.831		87.6	27-118				
2,4,6-Trichlorophenol	0.832	0.0416	"	0.831		100	31-120				
2,4-Dichlorophenol	0.806	0.0416	"	0.831		97.0	20-127				
2,4-Dimethylphenol	0.702	0.0416	"	0.831		84.5	14-132				
2,4-Dinitrophenol	1.32	0.0830	"	0.831		159	10-171				
2,4-Dinitrotoluene	0.969	0.0416	"	0.831		117	34-131				
2,6-Dinitrotoluene	0.910	0.0416	"	0.831		110	31-128				
2-Chloronaphthalene	0.732	0.0416	"	0.831		88.1	31-117				
2-Chlorophenol	0.725	0.0416	"	0.831		87.2	33-113				
2-Methylnaphthalene	0.773	0.0416	"	0.831		93.1	12-138				
2-Methylphenol	0.724	0.0416	"	0.831		87.1	10-136				
2-Nitroaniline	0.809	0.0830	"	0.831		97.4	27-132				
2-Nitrophenol	0.957	0.0416	"	0.831		115	17-129				
3- & 4-Methylphenols	0.646	0.0416	"	0.831		77.7	29-103				
3,3-Dichlorobenzidine	0.629	0.0416	"	0.831		75.7	22-149				
3-Nitroaniline	0.677	0.0830	"	0.831		81.5	20-133				
4,6-Dinitro-2-methylphenol	1.54	0.0830	"	0.831		185	10-143	High Bias			
4-Bromophenyl phenyl ether	0.933	0.0416	"	0.831		112	29-120				
4-Chloro-3-methylphenol	0.782	0.0416	"	0.831		94.2	24-129				
4-Chloroaniline	0.520	0.0416	"	0.831		62.6	10-132				
4-Chlorophenyl phenyl ether	0.807	0.0416	"	0.831		97.2	27-124				
4-Nitroaniline	0.676	0.0830	"	0.831		81.4	16-128				
4-Nitrophenol	0.714	0.0830	"	0.831		86.0	10-141				
Acenaphthene	0.677	0.0416	"	0.831		81.6	30-121				
Acenaphthylene	0.651	0.0416	"	0.831		78.4	30-115				
Acetophenone	0.750	0.0416	"	0.831		90.4	20-112				
Aniline	0.996	0.166	"	0.831		120	10-119	High Bias			
Anthracene	0.760	0.0416	"	0.831		91.6	34-118				
Atrazine	0.902	0.0416	"	0.831		109	26-112				
Benzaldehyde	0.511	0.0416	"	0.831		61.5	21-100				
Benzo(a)anthracene	0.704	0.0416	"	0.831		84.8	32-122				
Benzo(a)pyrene	0.741	0.0416	"	0.831		89.2	29-133				
Benzo(b)fluoranthene	0.731	0.0416	"	0.831		88.0	25-133				
Benzo(g,h,i)perylene	0.854	0.0416	"	0.831		103	10-143				
Benzo(k)fluoranthene	0.731	0.0416	"	0.831		88.0	25-128				
Benzoic acid	0.855	0.0416	"	0.831		103	10-140				
Benzyl alcohol	0.646	0.0416	"	0.831		77.7	30-115				
Benzyl butyl phthalate	0.599	0.0416	"	0.831		72.1	26-126				
Bis(2-chloroethoxy)methane	0.802	0.0416	"	0.831		96.6	19-132				
Bis(2-chloroethyl)ether	1.43	0.0416	"	0.831		173	19-125	High Bias			
Bis(2-chloroisopropyl)ether	0.731	0.0416	"	0.831		88.0	20-135				
Bis(2-ethylhexyl)phthalate	0.628	0.0416	"	0.831		75.6	10-155				
Caprolactam	0.917	0.0830	"	0.831		110	10-127				
Carbazole	0.710	0.0416	"	0.831		85.5	35-123				
Chrysene	0.745	0.0416	"	0.831		89.7	32-123				
Dibenzo(a,h)anthracene	0.858	0.0416	"	0.831		103	10-136				
Dibenzofuran	0.728	0.0416	"	0.831		87.6	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40071 - EPA 3550C											
LCS (BI40071-BS1)											
Prepared: 09/03/2024 Analyzed: 09/04/2024											
Diethyl phthalate	0.702	0.0416	mg/kg wet	0.831		84.5	34-116				
Dimethyl phthalate	0.723	0.0416	"	0.831		87.0	35-124				
Di-n-butyl phthalate	0.716	0.0416	"	0.831		86.2	31-116				
Di-n-octyl phthalate	0.593	0.0416	"	0.831		71.4	26-136				
Diphenylamine	0.864	0.0830	"	0.831		104	40-140				
Fluoranthene	0.763	0.0416	"	0.831		91.9	33-122				
Fluorene	0.719	0.0416	"	0.831		86.5	29-123				
Hexachlorobenzene	0.682	0.0416	"	0.831		82.1	21-124				
Hexachlorobutadiene	0.926	0.0416	"	0.831		111	10-149				
Hexachlorocyclopentadiene	0.614	0.0416	"	0.831		73.9	10-129				
Hexachloroethane	0.718	0.0416	"	0.831		86.4	28-108				
Indeno(1,2,3-cd)pyrene	0.854	0.0416	"	0.831		103	10-135				
Isophorone	0.799	0.0416	"	0.831		96.2	20-132				
Naphthalene	0.735	0.0416	"	0.831		88.4	23-124				
Nitrobenzene	0.810	0.0416	"	0.831		97.6	13-132				
N-Nitrosodimethylamine	0.700	0.0416	"	0.831		84.3	11-129				
N-nitroso-di-n-propylamine	0.699	0.0416	"	0.831		84.2	24-119				
N-Nitrosodiphenylamine	0.855	0.0416	"	0.831		103	22-152				
Pentachlorophenol	1.03	0.0416	"	0.831		124	10-139				
Phenanthrene	0.758	0.0416	"	0.831		91.3	33-123				
Phenol	0.779	0.0416	"	0.831		93.8	23-115				
Pyrene	0.668	0.0416	"	0.831		80.4	24-130				
Pyridine	0.635	0.166	"	0.831		76.4	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.53*		"	*1.66*		*91.9*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.43*		"	*1.66*		*86.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.956*		"	*0.831*		*115*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.836*		"	*0.831*		*101*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*3.05*		"	*1.66*		*184*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.902*		"	*0.831*		*109*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40071 - EPA 3550C											
Matrix Spike (BI40071-MS1)	*Source sample: 24H2011-04 (SB-22 (16-18))							Prepared: 09/03/2024 Analyzed: 09/04/2024			
1,1-Biphenyl	0.713	0.0946	mg/kg dry	0.945	ND	75.4	10-130				
1,2,4,5-Tetrachlorobenzene	0.716	0.189	"	0.945	ND	75.8	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.731	0.0946	"	0.945	ND	77.4	10-144				
2,3,4,6-Tetrachlorophenol	0.831	0.189	"	0.945	ND	87.8	30-130				
2,4,5-Trichlorophenol	0.753	0.0946	"	0.945	ND	79.7	10-127				
2,4,6-Trichlorophenol	0.772	0.0946	"	0.945	ND	81.6	10-132				
2,4-Dichlorophenol	0.733	0.0946	"	0.945	ND	77.5	10-128				
2,4-Dimethylphenol	0.618	0.0946	"	0.945	ND	65.4	10-137				
2,4-Dinitrophenol	0.306	0.189	"	0.945	ND	32.4	10-171				
2,4-Dinitrotoluene	0.808	0.0946	"	0.945	ND	85.4	16-135				
2,6-Dinitrotoluene	0.707	0.0946	"	0.945	ND	74.8	18-131				
2-Chloronaphthalene	0.702	0.0946	"	0.945	ND	74.2	10-129				
2-Chlorophenol	0.710	0.0946	"	0.945	ND	75.0	15-116				
2-Methylnaphthalene	0.688	0.0946	"	0.945	ND	72.8	10-147				
2-Methylphenol	0.717	0.0946	"	0.945	ND	75.8	10-136				
2-Nitroaniline	0.744	0.189	"	0.945	ND	78.7	10-137				
2-Nitrophenol	0.797	0.0946	"	0.945	ND	84.3	10-129				
3- & 4-Methylphenols	0.582	0.0946	"	0.945	ND	61.5	10-123				
3,3-Dichlorobenzidine	2.10	0.0946	"	0.945	ND	222	10-155	High Bias			
3-Nitroaniline	0.773	0.189	"	0.945	ND	81.8	12-133				
4,6-Dinitro-2-methylphenol	0.733	0.189	"	0.945	ND	77.5	10-155				
4-Bromophenyl phenyl ether	0.758	0.0946	"	0.945	ND	80.2	14-128				
4-Chloro-3-methylphenol	0.721	0.0946	"	0.945	ND	76.2	10-134				
4-Chloroaniline	0.757	0.0946	"	0.945	ND	80.1	10-145				
4-Chlorophenyl phenyl ether	0.704	0.0946	"	0.945	ND	74.5	14-130				
4-Nitroaniline	0.778	0.189	"	0.945	ND	82.3	10-147				
4-Nitrophenol	0.821	0.189	"	0.945	ND	86.8	10-137				
Acenaphthene	0.687	0.0946	"	0.945	ND	72.6	10-146				
Acenaphthylene	0.640	0.0946	"	0.945	ND	67.7	10-134				
Acetophenone	0.843	0.0946	"	0.945	ND	89.2	10-116				
Aniline	0.495	0.379	"	0.945	ND	52.3	10-123				
Anthracene	0.761	0.0946	"	0.945	ND	80.5	10-142				
Atrazine	0.905	0.0946	"	0.945	ND	95.8	19-115				
Benzaldehyde	0.524	0.0946	"	0.945	ND	55.4	10-125				
Benzo(a)anthracene	0.722	0.0946	"	0.945	ND	76.3	10-158				
Benzo(a)pyrene	0.809	0.0946	"	0.945	ND	85.6	10-180				
Benzo(b)fluoranthene	0.776	0.0946	"	0.945	ND	82.1	10-200				
Benzo(g,h,i)perylene	0.793	0.0946	"	0.945	ND	83.8	10-138				
Benzo(k)fluoranthene	0.772	0.0946	"	0.945	ND	81.7	10-197				
Benzoic acid	ND	0.0946	"	0.945	ND		10-166	Low Bias			
Benzyl alcohol	0.725	0.0946	"	0.945	ND	76.6	12-124				
Benzyl butyl phthalate	0.676	0.0946	"	0.945	ND	71.5	10-154				
Bis(2-chloroethoxy)methane	0.669	0.0946	"	0.945	ND	70.8	10-132				
Bis(2-chloroethyl)ether	0.660	0.0946	"	0.945	ND	69.8	10-119				
Bis(2-chloroisopropyl)ether	0.590	0.0946	"	0.945	ND	62.4	10-139				
Bis(2-ethylhexyl)phthalate	0.677	0.0946	"	0.945	ND	71.6	10-167				
Caprolactam	0.856	0.189	"	0.945	ND	90.6	10-132				
Carbazole	0.768	0.0946	"	0.945	ND	81.2	10-167				
Chrysene	0.698	0.0946	"	0.945	ND	73.8	10-156				
Dibenzo(a,h)anthracene	0.862	0.0946	"	0.945	ND	91.2	10-137				
Dibenzofuran	0.708	0.0946	"	0.945	ND	74.9	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40071 - EPA 3550C											
Matrix Spike (BI40071-MS1)	*Source sample: 24H2011-04 (SB-22 (16-18))								Prepared: 09/03/2024 Analyzed: 09/04/2024		
Diethyl phthalate	0.750	0.0946	mg/kg dry	0.945	ND	79.4	20-120				
Dimethyl phthalate	0.724	0.0946	"	0.945	ND	76.6	18-131				
Di-n-butyl phthalate	0.747	0.0946	"	0.945	ND	79.0	10-137				
Di-n-octyl phthalate	0.725	0.0946	"	0.945	ND	76.7	10-180				
Diphenylamine	0.899	0.189	"	0.945	ND	95.0	40-140				
Fluoranthene	0.766	0.0946	"	0.945	ND	81.0	10-160				
Fluorene	0.719	0.0946	"	0.945	ND	76.1	10-157				
Hexachlorobenzene	0.851	0.0946	"	0.945	ND	90.0	10-137				
Hexachlorobutadiene	0.701	0.0946	"	0.945	ND	74.2	10-132				
Hexachlorocyclopentadiene	0.449	0.0946	"	0.945	ND	47.5	10-106				
Hexachloroethane	0.706	0.0946	"	0.945	ND	74.7	10-110				
Indeno(1,2,3-cd)pyrene	1.05	0.0946	"	0.945	ND	111	10-144				
Isophorone	0.716	0.0946	"	0.945	ND	75.8	10-132				
Naphthalene	0.704	0.0946	"	0.945	ND	74.5	10-141				
Nitrobenzene	0.716	0.0946	"	0.945	ND	75.8	10-131				
N-Nitrosodimethylamine	0.666	0.0946	"	0.945	ND	70.4	10-126				
N-nitroso-di-n-propylamine	0.689	0.0946	"	0.945	ND	72.9	10-125				
N-Nitrosodiphenylamine	0.894	0.0946	"	0.945	ND	94.6	10-177				
Pentachlorophenol	0.627	0.0946	"	0.945	ND	66.3	10-153				
Phenanthrene	0.734	0.0946	"	0.945	ND	77.7	10-148				
Phenol	0.683	0.0946	"	0.945	ND	72.2	10-126				
Pyrene	0.672	0.0946	"	0.945	ND	71.1	10-165				
Pyridine	0.612	0.379	"	0.945	ND	64.7	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.26*		"	*1.89*		*66.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.30*		"	*1.89*		*68.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.738*		"	*0.945*		*78.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.725*		"	*0.945*		*76.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.71*		"	*1.89*		*90.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.707*		"	*0.945*		*74.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40071 - EPA 3550C											
Matrix Spike Dup (BI40071-MSD1)	*Source sample: 24H2011-04 (SB-22 (16-18))								Prepared: 09/03/2024 Analyzed: 09/04/2024		
1,1-Biphenyl	0.649	0.0946	mg/kg dry	0.945	ND	68.6	10-130		9.44	30	
1,2,4,5-Tetrachlorobenzene	0.627	0.189	"	0.945	ND	66.3	10-133		13.3	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.672	0.0946	"	0.945	ND	71.0	10-144		8.52	30	
2,3,4,6-Tetrachlorophenol	0.802	0.189	"	0.945	ND	84.8	30-130		3.52	30	
2,4,5-Trichlorophenol	0.737	0.0946	"	0.945	ND	77.9	10-127		2.23	30	
2,4,6-Trichlorophenol	0.692	0.0946	"	0.945	ND	73.2	10-132		10.9	30	
2,4-Dichlorophenol	0.643	0.0946	"	0.945	ND	68.0	10-128		13.1	30	
2,4-Dimethylphenol	0.571	0.0946	"	0.945	ND	60.4	10-137		7.89	30	
2,4-Dinitrophenol	0.263	0.189	"	0.945	ND	27.8	10-171		15.1	30	
2,4-Dinitrotoluene	0.717	0.0946	"	0.945	ND	75.8	16-135		11.9	30	
2,6-Dinitrotoluene	0.681	0.0946	"	0.945	ND	72.0	18-131		3.81	30	
2-Chloronaphthalene	0.634	0.0946	"	0.945	ND	67.0	10-129		10.2	30	
2-Chlorophenol	0.629	0.0946	"	0.945	ND	66.5	15-116		12.1	30	
2-Methylnaphthalene	0.629	0.0946	"	0.945	ND	66.5	10-147		9.08	30	
2-Methylphenol	0.656	0.0946	"	0.945	ND	69.4	10-136		8.93	30	
2-Nitroaniline	0.697	0.189	"	0.945	ND	73.8	10-137		6.51	30	
2-Nitrophenol	0.660	0.0946	"	0.945	ND	69.8	10-129		18.8	30	
3- & 4-Methylphenols	0.564	0.0946	"	0.945	ND	59.7	10-123		3.04	30	
3,3-Dichlorobenzidine	1.96	0.0946	"	0.945	ND	207	10-155	High Bias	7.05	30	
3-Nitroaniline	0.725	0.189	"	0.945	ND	76.6	12-133		6.46	30	
4,6-Dinitro-2-methylphenol	0.700	0.189	"	0.945	ND	74.0	10-155		4.65	30	
4-Bromophenyl phenyl ether	0.661	0.0946	"	0.945	ND	69.9	14-128		13.6	30	
4-Chloro-3-methylphenol	0.675	0.0946	"	0.945	ND	71.4	10-134		6.50	30	
4-Chloroaniline	0.733	0.0946	"	0.945	ND	77.5	10-145		3.25	30	
4-Chlorophenyl phenyl ether	0.636	0.0946	"	0.945	ND	67.3	14-130		10.2	30	
4-Nitroaniline	0.753	0.189	"	0.945	ND	79.7	10-147		3.26	30	
4-Nitrophenol	0.722	0.189	"	0.945	ND	76.3	10-137		12.8	30	
Acenaphthene	0.636	0.0946	"	0.945	ND	67.3	10-146		7.66	30	
Acenaphthylene	0.605	0.0946	"	0.945	ND	64.0	10-134		5.59	30	
Acetophenone	0.730	0.0946	"	0.945	ND	77.2	10-116		14.4	30	
Aniline	0.461	0.379	"	0.945	ND	48.8	10-123		6.96	30	
Anthracene	0.686	0.0946	"	0.945	ND	72.6	10-142		10.4	30	
Atrazine	0.735	0.0946	"	0.945	ND	77.8	19-115		20.7	30	
Benzaldehyde	0.464	0.0946	"	0.945	ND	49.1	10-125		12.1	30	
Benzo(a)anthracene	0.641	0.0946	"	0.945	ND	67.8	10-158		11.9	30	
Benzo(a)pyrene	0.743	0.0946	"	0.945	ND	78.6	10-180		8.58	30	
Benzo(b)fluoranthene	0.688	0.0946	"	0.945	ND	72.8	10-200		12.0	30	
Benzo(g,h,i)perylene	0.722	0.0946	"	0.945	ND	76.4	10-138		9.29	30	
Benzo(k)fluoranthene	0.726	0.0946	"	0.945	ND	76.8	10-197		6.16	30	
Benzoic acid	1.42	0.0946	"	0.945	ND	150	10-166			30	
Benzyl alcohol	0.658	0.0946	"	0.945	ND	69.6	12-124		9.63	30	
Benzyl butyl phthalate	0.612	0.0946	"	0.945	ND	64.7	10-154		9.98	30	
Bis(2-chloroethoxy)methane	0.606	0.0946	"	0.945	ND	64.1	10-132		9.96	30	
Bis(2-chloroethyl)ether	0.632	0.0946	"	0.945	ND	66.9	10-119		4.22	30	
Bis(2-chloroisopropyl)ether	0.535	0.0946	"	0.945	ND	56.6	10-139		9.82	30	
Bis(2-ethylhexyl)phthalate	0.589	0.0946	"	0.945	ND	62.3	10-167		13.9	30	
Caprolactam	0.890	0.189	"	0.945	ND	94.1	10-132		3.81	30	
Carbazole	0.707	0.0946	"	0.945	ND	74.8	10-167		8.21	30	
Chrysene	0.641	0.0946	"	0.945	ND	67.8	10-156		8.59	30	
Dibenzo(a,h)anthracene	0.758	0.0946	"	0.945	ND	80.2	10-137		12.9	30	
Dibenzofuran	0.637	0.0946	"	0.945	ND	67.4	10-147		10.6	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40071 - EPA 3550C											
Matrix Spike Dup (BI40071-MSD1)	*Source sample: 24H2011-04 (SB-22 (16-18))								Prepared: 09/03/2024 Analyzed: 09/04/2024		
Diethyl phthalate	0.669	0.0946	mg/kg dry	0.945	ND	70.8	20-120		11.4	30	
Dimethyl phthalate	0.654	0.0946	"	0.945	ND	69.2	18-131		10.1	30	
Di-n-butyl phthalate	0.667	0.0946	"	0.945	ND	70.6	10-137		11.3	30	
Di-n-octyl phthalate	0.644	0.0946	"	0.945	ND	68.2	10-180		11.8	30	
Diphenylamine	0.783	0.189	"	0.945	ND	82.8	40-140		13.8	30	
Fluoranthene	0.694	0.0946	"	0.945	ND	73.4	10-160		9.84	30	
Fluorene	0.638	0.0946	"	0.945	ND	67.5	10-157		11.9	30	
Hexachlorobenzene	0.724	0.0946	"	0.945	ND	76.6	10-137		16.1	30	
Hexachlorobutadiene	0.638	0.0946	"	0.945	ND	67.4	10-132		9.49	30	
Hexachlorocyclopentadiene	0.346	0.0946	"	0.945	ND	36.6	10-106		26.1	30	
Hexachloroethane	0.616	0.0946	"	0.945	ND	65.1	10-110		13.7	30	
Indeno(1,2,3-cd)pyrene	0.969	0.0946	"	0.945	ND	102	10-144		7.80	30	
Isophorone	0.678	0.0946	"	0.945	ND	71.8	10-132		5.42	30	
Naphthalene	0.630	0.0946	"	0.945	ND	66.6	10-141		11.1	30	
Nitrobenzene	0.637	0.0946	"	0.945	ND	67.4	10-131		11.7	30	
N-Nitrosodimethylamine	0.562	0.0946	"	0.945	ND	59.4	10-126		16.9	30	
N-nitroso-di-n-propylamine	0.647	0.0946	"	0.945	ND	68.4	10-125		6.34	30	
N-Nitrosodiphenylamine	0.759	0.0946	"	0.945	ND	80.2	10-177		16.4	30	
Pentachlorophenol	0.598	0.0946	"	0.945	ND	63.2	10-153		4.82	30	
Phenanthrene	0.662	0.0946	"	0.945	ND	70.0	10-148		10.4	30	
Phenol	0.669	0.0946	"	0.945	ND	70.7	10-126		2.13	30	
Pyrene	0.591	0.0946	"	0.945	ND	62.5	10-165		12.9	30	
Pyridine	0.438	0.379	"	0.945	ND	46.3	10-83		33.1	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*1.14*		"	*1.89*		*60.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.21*		"	*1.89*		*63.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.686*		"	*0.945*		*72.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.656*		"	*0.945*		*69.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.56*		"	*1.89*		*82.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.630*		"	*0.945*		*66.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40129 - EPA 3510C											
Blank (BI40129-BLK1)											
Prepared: 09/04/2024 Analyzed: 09/05/2024											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40129 - EPA 3510C											
Blank (BI40129-BLK1)											Prepared: 09/04/2024 Analyzed: 09/05/2024
Surrogate: SURR: 2-Fluorophenol	*19.3*		*ug/L*	*50.0*		*38.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.91*		*"*	*50.0*		*17.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*23.9*		*"*	*25.0*		*95.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.8*		*"*	*25.0*		*75.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*72.2*		*"*	*50.0*		*144*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*24.3*		*"*	*25.0*		*97.1*	*30.7-106*				
Blank (BI40129-BLK2)											Prepared: 09/04/2024 Analyzed: 09/05/2024
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40129 - EPA 3510C											
LCS (BI40129-BS1)								Prepared: 09/04/2024 Analyzed: 09/05/2024			
1,1-Biphenyl	12.2	5.00	ug/L	25.0		49.0	33-95				
1,2,4,5-Tetrachlorobenzene	11.8	5.00	"	25.0		47.2	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	13.5	5.00	"	25.0		54.0	16-141				
2,3,4,6-Tetrachlorophenol	13.9	5.00	"	25.0		55.6	30-130				
2,4,5-Trichlorophenol	13.6	5.00	"	25.0		54.5	32-114				
2,4,6-Trichlorophenol	15.6	5.00	"	25.0		62.3	35-118				
2,4-Dichlorophenol	15.7	5.00	"	25.0		62.6	25-116				
2,4-Dimethylphenol	14.0	5.00	"	25.0		55.9	15-116				
2,4-Dinitrophenol	20.3	5.00	"	25.0		81.2	10-170				
2,4-Dinitrotoluene	18.7	5.00	"	25.0		74.8	41-128				
2,6-Dinitrotoluene	18.0	5.00	"	25.0		71.8	45-116				
2-Chloronaphthalene	11.6	5.00	"	25.0		46.5	33-112				
2-Chlorophenol	13.2	5.00	"	25.0		52.6	15-120				
2-Methylnaphthalene	12.4	5.00	"	25.0		49.4	24-118				
2-Methylphenol	11.1	5.00	"	25.0		44.5	10-110				
2-Nitroaniline	15.6	5.00	"	25.0		62.4	34-129				
2-Nitrophenol	19.0	5.00	"	25.0		76.2	28-118				
3- & 4-Methylphenols	9.34	5.00	"	25.0		37.4	10-107				
3,3-Dichlorobenzidine	12.2	5.00	"	25.0		48.8	15-187				
3-Nitroaniline	14.0	5.00	"	25.0		56.0	24-134				
4,6-Dinitro-2-methylphenol	30.7	5.00	"	25.0		123	10-153				
4-Bromophenyl phenyl ether	17.0	5.00	"	25.0		68.0	34-120				
4-Chloro-3-methylphenol	15.6	5.00	"	25.0		62.4	20-120				
4-Chloroaniline	12.5	5.00	"	25.0		49.9	10-147				
4-Chlorophenyl phenyl ether	14.1	5.00	"	25.0		56.4	27-121				
4-Nitroaniline	13.1	5.00	"	25.0		52.5	13-134				
4-Nitrophenol	5.23	5.00	"	25.0		20.9	10-131				
Acetophenone	15.5	5.00	"	25.0		61.9	25-110				
Aniline	16.9	5.00	"	25.0		67.5	10-117				
Benzaldehyde	10.0	5.00	"	25.0		40.0	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	9.20	5.00	"	25.0		36.8	10-117				
Benzyl butyl phthalate	11.0	5.00	"	25.0		44.1	29-133				
Bis(2-chloroethoxy)methane	16.2	5.00	"	25.0		65.0	10-154				
Bis(2-chloroethyl)ether	24.3	5.00	"	25.0		97.3	17-125				
Bis(2-chloroisopropyl)ether	14.0	5.00	"	25.0		56.0	10-139				
Caprolactam	3.01	5.00	"	25.0		12.0	10-137				
Carbazole	13.5	5.00	"	25.0		53.9	42-126				
Dibenzofuran	12.6	5.00	"	25.0		50.5	36-113				
Diethyl phthalate	13.6	5.00	"	25.0		54.4	38-115				
Dimethyl phthalate	14.3	5.00	"	25.0		57.1	38-129				
Di-n-butyl phthalate	13.6	5.00	"	25.0		54.6	31-120				
Di-n-octyl phthalate	11.3	5.00	"	25.0		45.3	21-149				
Diphenylamine	16.3	5.00	"	25.0		65.1	40-140				
Hexachlorocyclopentadiene	6.55	10.0	"	25.0		26.2	10-130				
Isophorone	16.2	5.00	"	25.0		64.9	25-127				
N-nitroso-di-n-propylamine	14.1	5.00	"	25.0		56.3	26-122				
N-Nitrosodiphenylamine	16.0	5.00	"	25.0		64.0	23-149				
Phenol	5.70	5.00	"	25.0		22.8	10-110				
Pyridine	7.73	5.00	"	35.0		22.1	10-90				
Surrogate: SURR: 2-Fluorophenol	*13.4*		*"*	*50.0*		*26.8*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40129 - EPA 3510C											
LCS (BI40129-BS1)								Prepared: 09/04/2024 Analyzed: 09/05/2024			
Surrogate: SURR: Phenol-d6	*7.58*		*ug/L*	*50.0*		*15.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.5*		*"*	*25.0*		*62.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.4*		*"*	*25.0*		*49.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*46.8*		*"*	*50.0*		*93.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.4*		*"*	*25.0*		*57.4*	*30.7-106*				
LCS (BI40129-BS2)								Prepared: 09/04/2024 Analyzed: 09/05/2024			
Acenaphthene	0.740	0.0500	ug/L	1.00		74.0	25-116				
Acenaphthylene	0.800	0.0500	"	1.00		80.0	26-116				
Anthracene	0.820	0.0500	"	1.00		82.0	25-123				
Benzo(a)anthracene	0.740	0.0500	"	1.00		74.0	33-125				
Benzo(a)pyrene	0.750	0.0500	"	1.00		75.0	32-132				
Benzo(b)fluoranthene	0.680	0.0500	"	1.00		68.0	22-137				
Benzo(g,h,i)perylene	1.18	0.0500	"	1.00		118	10-138				
Benzo(k)fluoranthene	0.720	0.0500	"	1.00		72.0	20-137				
Bis(2-ethylhexyl)phthalate	0.770	0.500	"	1.00		77.0	10-189				
Chrysene	0.730	0.0500	"	1.00		73.0	32-124				
Dibenzo(a,h)anthracene	1.31	0.0500	"	1.00		131	16-133				
Fluoranthene	0.880	0.0500	"	1.00		88.0	32-121				
Fluorene	0.800	0.0500	"	1.00		80.0	28-118				
Hexachlorobenzene	0.120	0.0200	"	1.00		12.0	23-124	Low Bias			
Hexachlorobutadiene	0.640	0.500	"	1.00		64.0	15-123				
Hexachloroethane	0.670	0.500	"	1.00		67.0	18-115				
Indeno(1,2,3-cd)pyrene	1.23	0.0500	"	1.00		123	15-135				
Naphthalene	0.680	0.0500	"	1.00		68.0	18-120				
Nitrobenzene	0.570	0.250	"	1.00		57.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.400	0.250	"	1.00		40.0	10-156				
Phenanthrene	0.800	0.0500	"	1.00		80.0	24-127				
Pyrene	0.600	0.0500	"	1.00		60.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40129 - EPA 3510C											
LCS Dup (BI40129-BSD1)								Prepared: 09/04/2024 Analyzed: 09/05/2024			
1,1-Biphenyl	18.5	5.00	ug/L	25.0		73.9	33-95		40.5	20	Non-dir.
1,2,4,5-Tetrachlorobenzene	18.8	5.00	"	25.0		75.3	26-120		45.8	20	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	19.3	5.00	"	25.0		77.2	16-141		35.4	20	Non-dir.
2,3,4,6-Tetrachlorophenol	20.6	5.00	"	25.0		82.2	30-130		38.7	20	Non-dir.
2,4,5-Trichlorophenol	19.8	5.00	"	25.0		79.4	32-114		37.2	20	Non-dir.
2,4,6-Trichlorophenol	22.7	5.00	"	25.0		90.8	35-118		37.2	20	Non-dir.
2,4-Dichlorophenol	21.3	5.00	"	25.0		85.2	25-116		30.6	20	Non-dir.
2,4-Dimethylphenol	19.2	5.00	"	25.0		76.8	15-116		31.5	20	Non-dir.
2,4-Dinitrophenol	31.7	5.00	"	25.0		127	10-170		44.0	20	Non-dir.
2,4-Dinitrotoluene	26.9	5.00	"	25.0		108	41-128		36.2	20	Non-dir.
2,6-Dinitrotoluene	25.8	5.00	"	25.0		103	45-116		35.9	20	Non-dir.
2-Chloronaphthalene	17.2	5.00	"	25.0		68.7	33-112		38.5	20	Non-dir.
2-Chlorophenol	17.9	5.00	"	25.0		71.8	15-120		30.7	20	Non-dir.
2-Methylnaphthalene	17.2	5.00	"	25.0		68.8	24-118		32.7	20	Non-dir.
2-Methylphenol	15.5	5.00	"	25.0		62.2	10-110		33.1	20	Non-dir.
2-Nitroaniline	22.7	5.00	"	25.0		90.6	34-129		37.0	20	Non-dir.
2-Nitrophenol	25.1	5.00	"	25.0		100	28-118		27.4	20	Non-dir.
3- & 4-Methylphenols	12.8	5.00	"	25.0		51.2	10-107		31.2	20	Non-dir.
3,3-Dichlorobenzidine	17.1	5.00	"	25.0		68.5	15-187		33.5	20	Non-dir.
3-Nitroaniline	20.1	5.00	"	25.0		80.5	24-134		35.9	20	Non-dir.
4,6-Dinitro-2-methylphenol	45.1	5.00	"	25.0		181	10-153	High Bias	38.1	20	Non-dir.
4-Bromophenyl phenyl ether	24.6	5.00	"	25.0		98.3	34-120		36.4	20	Non-dir.
4-Chloro-3-methylphenol	21.2	5.00	"	25.0		84.8	20-120		30.5	20	Non-dir.
4-Chloroaniline	16.5	5.00	"	25.0		66.1	10-147		27.9	20	Non-dir.
4-Chlorophenyl phenyl ether	20.7	5.00	"	25.0		83.0	27-121		38.2	20	Non-dir.
4-Nitroaniline	19.1	5.00	"	25.0		76.3	13-134		37.0	20	Non-dir.
4-Nitrophenol	8.95	5.00	"	25.0		35.8	10-131		52.5	20	Non-dir.
Acetophenone	20.9	5.00	"	25.0		83.5	25-110		29.7	20	Non-dir.
Aniline	22.7	5.00	"	25.0		91.0	10-117		29.6	20	Non-dir.
Benzaldehyde	13.2	5.00	"	25.0		52.8	29-117		27.6	20	Non-dir.
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	12.9	5.00	"	25.0		51.8	10-117		33.8	20	Non-dir.
Benzyl butyl phthalate	16.5	5.00	"	25.0		65.9	29-133		39.7	20	Non-dir.
Bis(2-chloroethoxy)methane	21.5	5.00	"	25.0		85.9	10-154		27.8	20	Non-dir.
Bis(2-chloroethyl)ether	32.9	5.00	"	25.0		131	17-125	High Bias	29.9	20	Non-dir.
Bis(2-chloroisopropyl)ether	18.8	5.00	"	25.0		75.0	10-139		29.1	20	Non-dir.
Caprolactam	4.25	5.00	"	25.0		17.0	10-137		34.2	20	Non-dir.
Carbazole	18.8	5.00	"	25.0		75.2	42-126		33.0	20	Non-dir.
Dibenzofuran	18.6	5.00	"	25.0		74.5	36-113		38.3	20	Non-dir.
Diethyl phthalate	19.8	5.00	"	25.0		79.2	38-115		37.1	20	Non-dir.
Dimethyl phthalate	20.6	5.00	"	25.0		82.2	38-129		36.1	20	Non-dir.
Di-n-butyl phthalate	19.7	5.00	"	25.0		79.0	31-120		36.5	20	Non-dir.
Di-n-octyl phthalate	17.0	5.00	"	25.0		67.9	21-149		39.9	20	Non-dir.
Diphenylamine	23.5	5.00	"	25.0		94.0	40-140		36.3	20	Non-dir.
Hexachlorocyclopentadiene	11.2	10.0	"	25.0		44.9	10-130		52.6	20	Non-dir.
Isophorone	21.9	5.00	"	25.0		87.7	25-127		29.9	20	Non-dir.
N-nitroso-di-n-propylamine	19.0	5.00	"	25.0		75.8	26-122		29.5	20	Non-dir.
N-Nitrosodiphenylamine	23.0	5.00	"	25.0		92.2	23-149		36.1	20	Non-dir.
Phenol	7.76	5.00	"	25.0		31.0	10-110		30.6	20	Non-dir.
Pyridine	10.9	5.00	"	35.0		31.2	10-90		34.3	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*17.5*		*"*	*50.0*		*35.1*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40129 - EPA 3510C											
LCS Dup (BI40129-BSD1)											
Surrogate: SURR: Phenol-d6	*9.80*		*ug/L*	*50.0*		*19.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.7*		*"*	*25.0*		*78.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.8*		*"*	*25.0*		*67.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*64.2*		*"*	*50.0*		*128*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.1*		*"*	*25.0*		*84.4*	*30.7-106*				

Prepared: 09/04/2024 Analyzed: 09/05/2024

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40006 - EPA 3550C											
Blank (BI40006-BLK2)											Prepared: 09/01/2024 Analyzed: 09/03/2024
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	*0.0648*		*"*	*0.0664*		*97.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0389*		*"*	*0.0664*		*58.5*	*30-120*				
LCS (BI40006-BS2)											Prepared: 09/01/2024 Analyzed: 09/03/2024
Aroclor 1016	0.246	0.0166	mg/kg wet	0.332		74.1	40-130				
Aroclor 1260	0.236	0.0166	"	0.332		71.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0555*		*"*	*0.0664*		*83.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0329*		*"*	*0.0664*		*49.5*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40170 - EPA 3050B											
Blank (BI40170-BLK1)											Prepared: 09/04/2024 Analyzed: 09/05/2024
Antimony	ND	1.74	mg/kg wet								
Arsenic	ND	1.04	"								
Beryllium	ND	0.035	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Nickel	ND	0.692	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Thallium	ND	1.74	"								
Zinc	ND	1.73	"								
Reference (BI40170-SRM1)											Prepared: 09/04/2024 Analyzed: 09/05/2024
Antimony	64.9	1.74	mg/kg wet	244		26.6	0-99.5				
Arsenic	248	1.04	"	283		87.5	69.9-101.4				
Beryllium	153	0.035	"	175		87.3	75.4-107.4				
Cadmium	85.0	0.208	"	95.8		88.7	72.3-103.7				
Chromium	217	0.348	"	239		90.8	72.4-106.3				
Copper	208	1.39	"	217		95.9	74.7-105.1				
Lead	191	0.348	"	210		90.8	75.7-109.5				
Nickel	307	0.692	"	329		93.3	74.5-106.7				
Selenium	282	1.74	"	281		100	77.6-116.7				
Silver	71.8	0.350	"	82.7		86.9	73.7-111.7				
Thallium	110	1.74	"	123		89.4	70.2-104.8				
Zinc	231	1.73	"	260		89.0	72.7-109.2				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40076 - EPA 3015A											
Blank (BI40076-BLK1)											Prepared: 09/03/2024 Analyzed: 09/04/2024
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Chromium	ND	1.11	"								
Copper	2.20	1.11	"								
Lead	ND	1.11	"								
Nickel	ND	1.11	"								
Selenium	ND	1.11	"								
Silver	ND	1.11	"								
Thallium	ND	1.11	"								
Zinc	ND	1.11	"								
LCS (BI40076-BS1)											Prepared: 09/03/2024 Analyzed: 09/04/2024
Antimony	42.1		ug/L	50.0		84.1	80-120				
Arsenic	49.2		"	50.0		98.3	80-120				
Beryllium	38.7		"	50.0		77.4	80-120	Low Bias			
Cadmium	43.1		"	50.0		86.2	80-120				
Chromium	46.6		"	50.0		93.1	80-120				
Copper	47.4		"	50.0		94.8	80-120				
Lead	50.9		"	50.0		102	80-120				
Nickel	45.7		"	50.0		91.4	80-120				
Selenium	54.6		"	50.0		109	80-120				
Silver	46.0		"	50.0		92.0	80-120				
Thallium	52.3		"	50.0		105	80-120				
Zinc	57.9		"	50.0		116	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42136 - EPA 7473 soil											
Blank (BH42136-BLK1)										Prepared: 08/31/2024 Analyzed: 09/03/2024	
Mercury	ND	0.0300	mg/kg wet								
Reference (BH42136-SRM1)										Prepared: 08/31/2024 Analyzed: 09/03/2024	
Mercury	15.776		mg/kg	18.2		86.7	59.9-140.1				
Batch BI40124 - EPA SW846-7470A											
Blank (BI40124-BLK1)										Prepared & Analyzed: 09/04/2024	
Mercury	ND	0.0002	mg/L								
Blank (BI40124-BLK2)										Prepared & Analyzed: 09/04/2024	
Mercury	ND	0.0002	mg/L								
LCS (BI40124-BS1)										Prepared & Analyzed: 09/04/2024	
Mercury	0.0021705	0.0002	mg/L	0.00200		109	80-120				
LCS (BI40124-BS2)										Prepared & Analyzed: 09/04/2024	
Mercury	0.0021913	0.0002	mg/L	0.00200		110	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H2011-01	SB-8 (25-28)	4 oz. WM Clear Glass Cool to 4° C
24H2011-02	SB-7 (15-18)	4 oz. WM Clear Glass Cool to 4° C
24H2011-03	SB-4 (0.5-2.5)	4 oz. WM Clear Glass Cool to 4° C
24H2011-04	SB-22 (16-18)	4 oz. WM Clear Glass Cool to 4° C
24H2011-05	SB-6 (21-23)	4 oz. WM Clear Glass Cool to 4° C
24H2011-06	SB-24 (23-25)	4 oz. WM Clear Glass Cool to 4° C
24H2011-07	SB-14 (12-15)	4 oz. WM Clear Glass Cool to 4° C
24H2011-08	RB_8.28.24	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-E	The concentration reported for this analyte is an estimated value above the linear range of the instrument for EPA SW846-5035/8260 (>200ppb). Re-analysis using 5035/8260 medium level prep. resulted in a detection below the reporting limit (<500ppb).
VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of 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.
IS-HI	The internal std associated with this target compound did not meet acceptance criteria (area >200% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
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

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24H2011

Page 1 of 1

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

YOUR Project Name / Number: Remsen Arms/MER1510.P2

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time

- RUSH - Next Day [ ]
- RUSH - Two Day [ ]
- RUSH - Three Day [ ]
- RUSH - Four Day [ ]
- RUSH - Five Day [ ]
- Standard (6-9 Day) [X]
- PFAS Standard 7-10 Day [ ]

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

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs	TCL SVOCs	PP Metals	PLBs	Grab or Comp.
SB-8(25-28)	8/27/24	0940	S	2										X	X	X	X	G
SB-7(15-18)		1055	S	2										X	X	X	X	G
SB-4(0.5-2.5)		1145	S	2										X	X	X	X	G
SB-22(16-18)		1225	S	2										X	X	X		G
SB-6(21-25)		1345	S	2										X	X	X	X	G
SB-24(23-25)	8/28/24	1210	S	2										X	X	X		G
SB-14(12-15)		1350	S	2										X	X	X	X	G
RB-8.28.24		1500	GW	4	3		1							X	X	X	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
G/C CT RCP

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)
NYSDEC Part 375 SCOs

Field Filtered
Lab Filtered

Comments: Send copy to Tad.Wall@hrpassociates.com

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

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

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

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
HRP	8/29/24 0925	Chris C	8-29-24 9:25	Chris C	8-29-24 1520
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					8/29/24 15:20 3.6°C Degrees C

Technical Report

prepared for:

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

Report Date: 08/30/2024
Client Project ID: HER1510.P2 Remington Arms
York Project (SDG) No.: 24H1788

Report Date: 08/30/2024
Client Project ID: HER1510.P2 Remington Arms
York Project (SDG) No.: 24H1788

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

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 August 27, 2024 and listed below. The project was identified as your project: **HER1510.P2 Remington Arms**.

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
24H1788-01	SB-1 (12-14)	Soil	08/26/2024	08/27/2024
24H1788-02	SB-2 (0.5-4)	Soil	08/26/2024	08/27/2024
24H1788-03	SB-DUP-1	Soil	08/26/2024	08/27/2024
24H1788-04	SB-3 (14-16)	Soil	08/26/2024	08/27/2024
24H1788-05	SB-5 (17.5-20)	Soil	08/26/2024	08/27/2024
24H1788-06	RB_8.26.24	Ground Water	08/26/2024	08/27/2024

General Notes for York Project (SDG) No.: 24H1788

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

Approved By: 

Date: 08/30/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB-1 (12-14) **York Sample ID:** 24H1788-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 9:30 am	08/27/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	CCVE	mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								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	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.037	0.075	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-1 (12-14) **York Sample ID:** 24H1788-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 9:30 am	08/27/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0037	0.0075	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-1 (12-14) **York Sample ID:** 24H1788-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 9:30 am	08/27/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0061**	J	mg/kg dry	0.0037	0.0075	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-1 (12-14) **York Sample ID:** 24H1788-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 9:30 am	08/27/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0037	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:47	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-1 (12-14) **York Sample ID:** 24H1788-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 9:30 am	08/27/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-1 (12-14) **York Sample ID:** 24H1788-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 9:30 am	08/27/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-1 (12-14) **York Sample ID:** 24H1788-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 9:30 am	08/27/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*80.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.6 %*	*24-116*

Sample Information

Client Sample ID: SB-1 (12-14) **York Sample ID:** 24H1788-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 9:30 am	08/27/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	08/29/2024 14:10	08/30/2024 00:12	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:12	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:12	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:12	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:12	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:12	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:12	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:12	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.0 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.82	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**17.5**		mg/kg dry	1.09	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.340**		mg/kg dry	0.037	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.218	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.3**		mg/kg dry	0.364	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**46.5**		mg/kg dry	1.46	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**10.5**		mg/kg dry	0.364	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**18.4**		mg/kg dry	0.725	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.82	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-1 (12-14) **York Sample ID:** 24H1788-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 9:30 am	08/27/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.367	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.82	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**92.2**		mg/kg dry	1.81	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0314	1	EPA 7473	08/28/2024 11:46	08/28/2024 16:42	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**95.4**		%	0.100	1	SM 2540G	08/29/2024 12:15	08/29/2024 16:00	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-2 (0.5-4) **York Sample ID:** 24H1788-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 10:05 am	08/27/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								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	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-2 (0.5-4) **York Sample ID:** 24H1788-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 10:05 am	08/27/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0057**	J	mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-2 (0.5-4) **York Sample ID:** 24H1788-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 10:05 am	08/27/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0083**	J	mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-2 (0.5-4) **York Sample ID:** 24H1788-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 10:05 am	08/27/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0021	0.0042	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C	08/29/2024 09:00	08/29/2024 16:21	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0989	0.198	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0989	0.198	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0989	0.198	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-2 (0.5-4) **York Sample ID:** 24H1788-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 10:05 am	08/27/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0989	0.198	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0989	0.198	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0989	0.198	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0989	0.198	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0989	0.198	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.198	0.396	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.198	0.396	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.159**		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-2 (0.5-4) **York Sample ID:** 24H1788-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 10:05 am	08/27/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	**Benzo(a)pyrene**	**0.192**		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.340**		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.179**		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.130**		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0989	0.198	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.258**		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0989	0.198	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.555**		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-2 (0.5-4) **York Sample ID:** 24H1788-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 10:05 am	08/27/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.202**	CCVE	mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.239**		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.405**		mg/kg dry	0.0496	0.0989	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.198	0.396	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*49.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*86.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.6 %*	*24-116*

Sample Information

Client Sample ID: SB-2 (0.5-4) **York Sample ID:** 24H1788-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 10:05 am	08/27/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	0.0197	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:25	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:25	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:25	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:25	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:25	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:25	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:25	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:25	SCB
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.0 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*27.5 %*	S-08, S-GC	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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**	**2.95**		mg/kg dry	2.07	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:39	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**19.8**		mg/kg dry	1.24	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:39	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.547**		mg/kg dry	0.042	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:39	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.60**		mg/kg dry	0.249	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:39	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**23.4**		mg/kg dry	0.415	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:39	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**1840**		mg/kg dry	1.66	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:39	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**239**		mg/kg dry	0.415	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:39	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**235**		mg/kg dry	0.825	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:39	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-2 (0.5-4) **York Sample ID:** 24H1788-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 10:05 am	08/27/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7782-49-2	Selenium	ND		mg/kg dry	2.07	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:39	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.418	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:39	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.07	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:39	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**939**		mg/kg dry	2.06	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:39	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.165**		mg/kg dry	0.0358	1	EPA 7473	08/28/2024 11:46	08/28/2024 16:42	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**83.8**		%	0.100	1	SM 2540G	08/29/2024 12:15	08/29/2024 16:00	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-DUP-1** **York Sample ID:** **24H1788-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 12:01 am	08/27/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								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	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-DUP-1 **York Sample ID:** 24H1788-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 12:01 am	08/27/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0049	0.0098	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-DUP-1 **York Sample ID:** 24H1788-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 12:01 am	08/27/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0098**		mg/kg dry	0.0049	0.0098	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	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 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-DUP-1 **York Sample ID:** 24H1788-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 12:01 am	08/27/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0024	0.0049	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:13	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0970	0.194	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-DUP-1 **York Sample ID:** 24H1788-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 12:01 am	08/27/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0970	0.194	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0970	0.194	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.194	0.389	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.389	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.122**		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-DUP-1 **York Sample ID:** 24H1788-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 12:01 am	08/27/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	**Benzo(a)pyrene**	**0.103**		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.152**		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0838**	J	mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0605**	J	mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.124**		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.265**		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-DUP-1 **York Sample ID:** 24H1788-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 12:01 am	08/27/2024

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0946**	J	mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.161**		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.202**		mg/kg dry	0.0486	0.0970	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.194	0.389	2	EPA 8270D	08/29/2024 14:05	08/30/2024 11:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.5 %*	*24-116*

Sample Information

Client Sample ID: SB-DUP-1 **York Sample ID:** 24H1788-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 12:01 am	08/27/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	0.0193	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:38	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:38	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:38	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:38	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:38	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:38	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:38	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:38	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.0 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	2.03	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**14.4**		mg/kg dry	1.22	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.546**		mg/kg dry	0.041	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.22**		mg/kg dry	0.244	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**20.2**		mg/kg dry	0.407	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**1830**		mg/kg dry	1.63	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**256**		mg/kg dry	0.407	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**202**		mg/kg dry	0.810	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.03	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-DUP-1 **York Sample ID:** 24H1788-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 12:01 am	08/27/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.410	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.03	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**917**		mg/kg dry	2.02	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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**	**0.256**		mg/kg dry	0.0351	1	EPA 7473	08/28/2024 11:46	08/28/2024 16:42	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.4**		%	0.100	1	SM 2540G	08/29/2024 12:15	08/29/2024 16:00	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-3 (14-16)** **York Sample ID:** **24H1788-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 1:30 pm	08/27/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	CCVE	mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								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	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.040	0.080	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0026**	J	mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-3 (14-16) **York Sample ID:** 24H1788-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 1:30 pm	08/27/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.014**	ICVE, QL-02	mg/kg dry	0.0040	0.0080	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0040	0.0080	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-3 (14-16) **York Sample ID:** 24H1788-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 1:30 pm	08/27/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0072**	J	mg/kg dry	0.0040	0.0080	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.0027**	J	mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-3 (14-16) **York Sample ID:** 24H1788-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 1:30 pm	08/27/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C	08/29/2024 09:00	08/29/2024 17:39	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.3 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*157 %*	S-04, S-08	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0877	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-3 (14-16) **York Sample ID:** 24H1788-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 1:30 pm	08/27/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0877	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0877	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.351	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.351	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-3 (14-16) **York Sample ID:** 24H1788-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 1:30 pm	08/27/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-3 (14-16) **York Sample ID:** 24H1788-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 1:30 pm	08/27/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.351	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.5 %*	*24-116*

Sample Information

Client Sample ID: SB-3 (14-16) **York Sample ID:** 24H1788-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 1:30 pm	08/27/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	08/29/2024 14:10	08/30/2024 00:51	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:51	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:51	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:51	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:51	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:51	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:51	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A	08/29/2024 14:10	08/30/2024 00:51	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.5 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.84	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**11.9**		mg/kg dry	1.10	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.300**		mg/kg dry	0.037	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.221	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.3**		mg/kg dry	0.368	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**34.6**		mg/kg dry	1.47	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**14.3**		mg/kg dry	0.368	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**18.5**		mg/kg dry	0.733	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.84	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-3 (14-16) **York Sample ID:** 24H1788-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 1:30 pm	08/27/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.371	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.84	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**71.7**		mg/kg dry	1.83	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0318	1	EPA 7473	08/28/2024 11:46	08/28/2024 16:42	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**94.4**		%	0.100	1	SM 2540G	08/29/2024 12:15	08/29/2024 16:00	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-5 (17.5-20)** **York Sample ID:** **24H1788-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 2:40 pm	08/27/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	CCVE	mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								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	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.040	0.081	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-5 (17.5-20) **York Sample ID:** 24H1788-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 2:40 pm	08/27/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0078**	J	mg/kg dry	0.0040	0.0081	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0040	0.0081	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-5 (17.5-20) **York Sample ID:** 24H1788-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 2:40 pm	08/27/2024

VOA, 8260 MASTER **Log-in Notes:** VOA-CONT **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	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**0.0023**	J	mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0085**		mg/kg dry	0.0040	0.0081	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**0.020**		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**0.0022**	J	mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.012**		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-5 (17.5-20) **York Sample ID:** 24H1788-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 2:40 pm	08/27/2024

VOA, 8260 MASTER

Log-in Notes: VOA-CONT **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	0.0020	0.0040	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	08/29/2024 09:00	08/29/2024 18:05	ME
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.9 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*229 %*	S-04, S-08	*76-130*

SVOA, 8270 MASTER

Log-in Notes: VOA-CONT **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	CCVE	mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-5 (17.5-20) **York Sample ID:** 24H1788-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 2:40 pm	08/27/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.104**		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	CCVE	mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0720**	J	mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-5 (17.5-20) **York Sample ID:** 24H1788-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 2:40 pm	08/27/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-5 (17.5-20) **York Sample ID:** 24H1788-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 2:40 pm	08/27/2024

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **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	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.128**		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.175	0.350	2	EPA 8270D	08/29/2024 14:05	08/30/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*51.4 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*8.56 %*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.5 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.3 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.7 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.4 %*		*24-116*

Sample Information

Client Sample ID: SB-5 (17.5-20) **York Sample ID:** 24H1788-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 2:40 pm	08/27/2024

PCB, 8082 MASTER

Log-in Notes: VOA-CONT **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	08/29/2024 14:10	08/30/2024 01:04	SCB
							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	08/29/2024 14:10	08/30/2024 01:04	SCB
							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	08/29/2024 14:10	08/30/2024 01:04	SCB
							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	08/29/2024 14:10	08/30/2024 01:04	SCB
							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	08/29/2024 14:10	08/30/2024 01:04	SCB
							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	08/29/2024 14:10	08/30/2024 01:04	SCB
							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	08/29/2024 14:10	08/30/2024 01:04	SCB
							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	08/29/2024 14:10	08/30/2024 01:04	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.0 %*	*30-120*

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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	1.83	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**21.6**		mg/kg dry	1.10	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.273**		mg/kg dry	0.037	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.220	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.7**		mg/kg dry	0.367	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**31.6**		mg/kg dry	1.47	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**13.5**		mg/kg dry	0.367	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.1**		mg/kg dry	0.730	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	1.83	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-5 (17.5-20) **York Sample ID:** 24H1788-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Soil	August 26, 2024 2:40 pm	08/27/2024

Metals, Priority Pollutant

Log-in Notes: VOA-CONT **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
7440-22-4	Silver	ND		mg/kg dry	0.370	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.83	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**73.0**		mg/kg dry	1.83	1	EPA 6010D	08/29/2024 12:15	08/30/2024 11:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: VOA-CONT **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	0.0317	1	EPA 7473	08/28/2024 11:46	08/28/2024 16:42	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: VOA-CONT **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**	**94.7**		%	0.100	1	SM 2540G	08/29/2024 12:15	08/29/2024 16:00	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **RB_8.26.24** **York Sample ID:** **24H1788-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Ground Water	August 26, 2024 2:45 pm	08/27/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_8.26.24 **York Sample ID:** 24H1788-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Ground Water	August 26, 2024 2:45 pm	08/27/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.40**		ug/L	0.245	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**14.7**		ug/L	0.243	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: RB_8.26.24 **York Sample ID:** 24H1788-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Ground Water	August 26, 2024 2:45 pm	08/27/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	**trans-1,3-Dichloropropylene**	**0.320**		ug/L	0.229	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RB_8.26.24 **York Sample ID:** 24H1788-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Ground Water	August 26, 2024 2:45 pm	08/27/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	08/28/2024 08:00	08/28/2024 15:29	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

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

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_8.26.24 **York Sample ID:** 24H1788-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Ground Water	August 26, 2024 2:45 pm	08/27/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	5.00	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	QL-02, CAL-E	ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_8.26.24 **York Sample ID:** 24H1788-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Ground Water	August 26, 2024 2:45 pm	08/27/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	08/29/2024 08:11	08/29/2024 16:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*35.9 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*16.4 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*99.5 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*83.0 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*159 %*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.9 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: **RB_8.26.24** **York Sample ID:** **24H1788-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Ground Water	August 26, 2024 2:45 pm	08/27/2024

83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND	ICVE, QL-02	ug/L	0.0200	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	CAL-E, ICVE	ug/L	0.250	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	08/29/2024 08:11	08/29/2024 16:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_8.26.24 **York Sample ID:** 24H1788-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Ground Water	August 26, 2024 2:45 pm	08/27/2024

PCB, 8082 MASTER

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	08/30/2024 08:49	08/30/2024 17:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	08/30/2024 08:49	08/30/2024 17:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	08/30/2024 08:49	08/30/2024 17:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	08/30/2024 08:49	08/30/2024 17:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	08/30/2024 08:49	08/30/2024 17:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	08/30/2024 08:49	08/30/2024 17:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	08/30/2024 08:49	08/30/2024 17:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	08/30/2024 08:49	08/30/2024 17:33	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*	*30-120*

Metals, Priority Pollutant-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-CCV 1	ug/L	1.11	1	EPA 6020B	08/28/2024 08:43	08/29/2024 12:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	08/28/2024 08:43	08/29/2024 12:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	08/28/2024 08:43	08/29/2024 12:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	08/28/2024 08:43	08/29/2024 12:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.52**		ug/L	1.11	1	EPA 6020B	08/28/2024 08:43	08/29/2024 12:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**1.14**		ug/L	1.11	1	EPA 6020B	08/28/2024 08:43	08/29/2024 12:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	08/28/2024 08:43	08/29/2024 12:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		ug/L	1.11	1	EPA 6020B	08/28/2024 08:43	08/29/2024 12:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: RB_8.26.24 **York Sample ID:** 24H1788-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1788	HER1510.P2 Remington Arms	Ground Water	August 26, 2024 2:45 pm	08/27/2024

Metals, Priority Pollutant-Low Level

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
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	08/28/2024 08:43	08/29/2024 12:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	08/28/2024 08:43	08/29/2024 12:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	08/28/2024 08:43	08/29/2024 12:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**8.26**	M-BS	ug/L	1.11	1	EPA 6020B	08/28/2024 08:43	08/29/2024 12:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	08/28/2024 08:40	08/28/2024 08:40	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Analytical Batch Summary

Batch ID: BH41851 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24H1788-06	RB_8.26.24	08/28/24
BH41851-BLK1	Blank	08/28/24
BH41851-BLK2	Blank	08/28/24
BH41851-BS1	LCS	08/28/24
BH41851-BS2	LCS	08/28/24

Batch ID: BH41853 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
24H1788-06	RB_8.26.24	08/28/24
BH41853-BLK1	Blank	08/28/24
BH41853-BS1	LCS	08/28/24
BH41853-DUP1	Duplicate	08/28/24
BH41853-MS1	Matrix Spike	08/28/24

Batch ID: BH41870 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24H1788-06	RB_8.26.24	08/28/24
BH41870-BLK1	Blank	08/28/24
BH41870-BS1	LCS	08/28/24
BH41870-BSD1	LCS Dup	08/28/24

Batch ID: BH41881 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H1788-01	SB-1 (12-14)	08/28/24
24H1788-02	SB-2 (0.5-4)	08/28/24
24H1788-03	SB-DUP-1	08/28/24
24H1788-04	SB-3 (14-16)	08/28/24
24H1788-05	SB-5 (17.5-20)	08/28/24
BH41881-BLK1	Blank	08/28/24
BH41881-DUP1	Duplicate	08/28/24
BH41881-MS1	Matrix Spike	08/28/24
BH41881-SRM1	Reference	08/28/24

Batch ID: BH41952 **Preparation Method:** EPA 3510C **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
24H1788-06	RB_8.26.24	08/29/24
BH41952-BLK1	Blank	08/29/24
BH41952-BLK2	Blank	08/29/24
BH41952-BS1	LCS	08/29/24

BH41952-BS2	LCS	08/29/24
BH41952-BSD1	LCS Dup	08/29/24

Batch ID: BH41960 **Preparation Method:** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
24H1788-01	SB-1 (12-14)	08/29/24
24H1788-02	SB-2 (0.5-4)	08/29/24
24H1788-03	SB-DUP-1	08/29/24
24H1788-04	SB-3 (14-16)	08/29/24
24H1788-05	SB-5 (17.5-20)	08/29/24
BH41960-BLK1	Blank	08/29/24
BH41960-BS1	LCS	08/29/24
BH41960-BSD1	LCS Dup	08/29/24
BH41960-MS1	Matrix Spike	08/29/24
BH41960-MSD1	Matrix Spike Dup	08/29/24

Batch ID: BH41972 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H1788-01	SB-1 (12-14)	08/29/24
24H1788-02	SB-2 (0.5-4)	08/29/24
24H1788-03	SB-DUP-1	08/29/24
24H1788-04	SB-3 (14-16)	08/29/24
24H1788-05	SB-5 (17.5-20)	08/29/24
BH41972-DUP1	Duplicate	08/29/24

Batch ID: BH41988 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1788-01	SB-1 (12-14)	08/29/24
24H1788-02	SB-2 (0.5-4)	08/29/24
24H1788-03	SB-DUP-1	08/29/24
24H1788-04	SB-3 (14-16)	08/29/24
24H1788-05	SB-5 (17.5-20)	08/29/24
BH41988-BLK1	Blank	08/29/24
BH41988-DUP1	Duplicate	08/29/24
BH41988-MS1	Matrix Spike	08/29/24
BH41988-PS1	Post Spike	08/29/24
BH41988-SRM1	Reference	08/29/24

Batch ID: BH41993 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1788-01	SB-1 (12-14)	08/29/24
24H1788-02	SB-2 (0.5-4)	08/29/24
24H1788-03	SB-DUP-1	08/29/24
24H1788-04	SB-3 (14-16)	08/29/24
24H1788-05	SB-5 (17.5-20)	08/29/24

BH41993-BLK1	Blank	08/29/24
BH41993-BS1	LCS	08/29/24
BH41993-MS1	Matrix Spike	08/29/24
BH41993-MSD1	Matrix Spike Dup	08/29/24

Batch ID: BH41994 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24H1788-01	SB-1 (12-14)	08/29/24
24H1788-02	SB-2 (0.5-4)	08/29/24
24H1788-03	SB-DUP-1	08/29/24
24H1788-04	SB-3 (14-16)	08/29/24
24H1788-05	SB-5 (17.5-20)	08/29/24
BH41994-BLK2	Blank	08/29/24
BH41994-BS2	LCS	08/29/24
BH41994-MS2	Matrix Spike	08/29/24
BH41994-MSD2	Matrix Spike Dup	08/29/24

Batch ID: BH42074 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24H1788-06	RB_8.26.24	08/30/24
BH42074-BLK2	Blank	08/30/24
BH42074-BS2	LCS	08/30/24
BH42074-BSD2	LCS Dup	08/30/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41870 - EPA 5030B											
Blank (BH41870-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Prepared & Analyzed: 08/28/2024

Volatile Organic Compounds by GC/MS - Quality Control Data

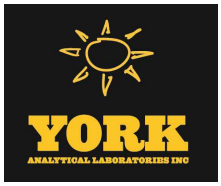
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41870 - EPA 5030B											
Blank (BH41870-BLK1)								Prepared & Analyzed: 08/28/2024			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.49*		*"*	*10.0*		*94.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
LCS (BH41870-BS1)								Prepared & Analyzed: 08/28/2024			
1,1,1,2-Tetrachloroethane	9.86		ug/L	10.0		98.6	82-126				
1,1,1-Trichloroethane	9.67		"	10.0		96.7	78-136				
1,1,2,2-Tetrachloroethane	12.4		"	10.0		124	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	54-165				
1,1,2-Trichloroethane	9.62		"	10.0		96.2	82-123				
1,1-Dichloroethane	9.56		"	10.0		95.6	82-129				
1,1-Dichloroethylene	10.9		"	10.0		109	68-138				
1,2,3-Trichlorobenzene	10.1		"	10.0		101	76-136				
1,2,3-Trichloropropane	9.87		"	10.0		98.7	77-128				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137				
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132				
1,2-Dibromo-3-chloropropane	9.76		"	10.0		97.6	45-147				
1,2-Dibromoethane	9.84		"	10.0		98.4	83-124				
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123				
1,2-Dichloroethane	9.01		"	10.0		90.1	73-132				
1,2-Dichloropropane	9.94		"	10.0		99.4	78-126				
1,3,5-Trimethylbenzene	11.1		"	10.0		111	80-131				
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122				
1,4-Dichlorobenzene	9.93		"	10.0		99.3	85-124				
1,4-Dioxane	213		"	210		102	10-349				
2-Butanone	9.28		"	10.0		92.8	49-152				
2-Hexanone	8.52		"	10.0		85.2	51-146				
4-Methyl-2-pentanone	9.16		"	10.0		91.6	57-145				
Acetone	17.4		"	10.0		174	14-150	High Bias			
Acrolein	1.23		"	10.0		12.3	10-153				
Acrylonitrile	9.90		"	10.0		99.0	51-150				
Benzene	10.3		"	10.0		103	85-126				
Bromochloromethane	9.19		"	10.0		91.9	77-128				
Bromodichloromethane	9.91		"	10.0		99.1	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41870 - EPA 5030B											
LCS (BH41870-BS1)								Prepared & Analyzed: 08/28/2024			
Bromoform	8.91		ug/L	10.0		89.1	78-133				
Bromomethane	3.53		"	10.0		35.3	43-168	Low Bias			
Carbon disulfide	12.1		"	10.0		121	68-146				
Carbon tetrachloride	10.0		"	10.0		100	77-141				
Chlorobenzene	10.1		"	10.0		101	88-120				
Chloroethane	9.22		"	10.0		92.2	65-136				
Chloroform	9.50		"	10.0		95.0	82-128				
Chloromethane	8.55		"	10.0		85.5	43-155				
cis-1,2-Dichloroethylene	9.77		"	10.0		97.7	83-129				
cis-1,3-Dichloropropylene	9.91		"	10.0		99.1	80-131				
Cyclohexane	10.3		"	10.0		103	63-149				
Dibromochloromethane	9.98		"	10.0		99.8	80-130				
Dibromomethane	9.47		"	10.0		94.7	72-134				
Dichlorodifluoromethane	9.32		"	10.0		93.2	44-144				
Ethyl Benzene	10.4		"	10.0		104	80-131				
Hexachlorobutadiene	11.0		"	10.0		110	67-146				
Isopropylbenzene	11.1		"	10.0		111	76-140				
Methyl acetate	8.19		"	10.0		81.9	51-139				
Methyl tert-butyl ether (MTBE)	9.76		"	10.0		97.6	76-135				
Methylcyclohexane	10.5		"	10.0		105	72-143				
Methylene chloride	9.85		"	10.0		98.5	55-137				
n-Butylbenzene	11.1		"	10.0		111	79-132				
n-Propylbenzene	10.9		"	10.0		109	78-133				
o-Xylene	10.1		"	10.0		101	78-130				
p- & m- Xylenes	21.1		"	20.0		105	77-133				
p-Isopropyltoluene	11.3		"	10.0		113	81-136				
sec-Butylbenzene	11.3		"	10.0		113	79-137				
Styrene	10.1		"	10.0		101	67-132				
tert-Butyl alcohol (TBA)	46.7		"	50.0		93.3	25-162				
tert-Butylbenzene	11.0		"	10.0		110	77-138				
Tetrachloroethylene	4.99		"	10.0		49.9	82-131	Low Bias			
Toluene	10.3		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132				
trans-1,3-Dichloropropylene	9.73		"	10.0		97.3	78-131				
Trichloroethylene	8.83		"	10.0		88.3	82-128				
Trichlorofluoromethane	9.87		"	10.0		98.7	67-139				
Vinyl Chloride	9.95		"	10.0		99.5	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.20*		*"*	*10.0*		*92.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41870 - EPA 5030B											
LCS Dup (BH41870-BSD1)								Prepared & Analyzed: 08/28/2024			
1,1,1,2-Tetrachloroethane	9.87		ug/L	10.0		98.7	82-126		0.101	30	
1,1,1-Trichloroethane	9.31		"	10.0		93.1	78-136		3.79	30	
1,1,2,2-Tetrachloroethane	12.3		"	10.0		123	76-129		0.568	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165		5.38	30	
1,1,2-Trichloroethane	9.68		"	10.0		96.8	82-123		0.622	30	
1,1-Dichloroethane	9.18		"	10.0		91.8	82-129		4.06	30	
1,1-Dichloroethylene	10.3		"	10.0		103	68-138		5.49	30	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	76-136		2.83	30	
1,2,3-Trichloropropane	9.93		"	10.0		99.3	77-128		0.606	30	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-137		1.46	30	
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132		0.360	30	
1,2-Dibromo-3-chloropropane	9.82		"	10.0		98.2	45-147		0.613	30	
1,2-Dibromoethane	9.94		"	10.0		99.4	83-124		1.01	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123		0.00	30	
1,2-Dichloroethane	8.94		"	10.0		89.4	73-132		0.780	30	
1,2-Dichloropropane	9.89		"	10.0		98.9	78-126		0.504	30	
1,3,5-Trimethylbenzene	11.1		"	10.0		111	80-131		0.180	30	
1,3-Dichlorobenzene	9.97		"	10.0		99.7	86-122		0.899	30	
1,4-Dichlorobenzene	9.86		"	10.0		98.6	85-124		0.707	30	
1,4-Dioxane	215		"	210		102	10-349		0.854	30	
2-Butanone	9.10		"	10.0		91.0	49-152		1.96	30	
2-Hexanone	8.62		"	10.0		86.2	51-146		1.17	30	
4-Methyl-2-pentanone	9.33		"	10.0		93.3	57-145		1.84	30	
Acetone	17.4		"	10.0		174	14-150	High Bias	0.115	30	
Acrolein	1.15		"	10.0		11.5	10-153		6.72	30	
Acrylonitrile	10.1		"	10.0		101	51-150		1.80	30	
Benzene	10.0		"	10.0		100	85-126		2.36	30	
Bromochloromethane	9.01		"	10.0		90.1	77-128		1.98	30	
Bromodichloromethane	9.86		"	10.0		98.6	79-128		0.506	30	
Bromoform	9.00		"	10.0		90.0	78-133		1.01	30	
Bromomethane	3.57		"	10.0		35.7	43-168	Low Bias	1.13	30	
Carbon disulfide	11.5		"	10.0		115	68-146		5.52	30	
Carbon tetrachloride	9.62		"	10.0		96.2	77-141		4.17	30	
Chlorobenzene	10.0		"	10.0		100	88-120		0.595	30	
Chloroethane	8.75		"	10.0		87.5	65-136		5.23	30	
Chloroform	9.28		"	10.0		92.8	82-128		2.34	30	
Chloromethane	7.98		"	10.0		79.8	43-155		6.90	30	
cis-1,2-Dichloroethylene	9.46		"	10.0		94.6	83-129		3.22	30	
cis-1,3-Dichloropropylene	9.79		"	10.0		97.9	80-131		1.22	30	
Cyclohexane	9.90		"	10.0		99.0	63-149		4.06	30	
Dibromochloromethane	10.0		"	10.0		100	80-130		0.300	30	
Dibromomethane	9.43		"	10.0		94.3	72-134		0.423	30	
Dichlorodifluoromethane	8.76		"	10.0		87.6	44-144		6.19	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		0.773	30	
Hexachlorobutadiene	10.6		"	10.0		106	67-146		3.42	30	
Isopropylbenzene	11.0		"	10.0		110	76-140		0.362	30	
Methyl acetate	8.16		"	10.0		81.6	51-139		0.367	30	
Methyl tert-butyl ether (MTBE)	9.64		"	10.0		96.4	76-135		1.24	30	
Methylcyclohexane	10.3		"	10.0		103	72-143		2.41	30	
Methylene chloride	9.57		"	10.0		95.7	55-137		2.88	30	
n-Butylbenzene	11.0		"	10.0		110	79-132		0.361	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41870 - EPA 5030B											
LCS Dup (BH41870-BSD1)								Prepared & Analyzed: 08/28/2024			
n-Propylbenzene	10.9		ug/L	10.0		109	78-133		0.275	30	
o-Xylene	10.1		"	10.0		101	78-130		0.396	30	
p- & m- Xylenes	20.8		"	20.0		104	77-133		1.15	30	
p-Isopropyltoluene	11.4		"	10.0		114	81-136		0.352	30	
sec-Butylbenzene	11.4		"	10.0		114	79-137		0.791	30	
Styrene	10.1		"	10.0		101	67-132		0.494	30	
tert-Butyl alcohol (TBA)	46.9		"	50.0		93.7	25-162		0.406	30	
tert-Butylbenzene	11.1		"	10.0		111	77-138		0.635	30	
Tetrachloroethylene	4.92		"	10.0		49.2	82-131	Low Bias	1.41	30	
Toluene	10.2		"	10.0		102	80-127		1.66	30	
trans-1,2-Dichloroethylene	9.61		"	10.0		96.1	80-132		4.08	30	
trans-1,3-Dichloropropylene	9.69		"	10.0		96.9	78-131		0.412	30	
Trichloroethylene	8.63		"	10.0		86.3	82-128		2.29	30	
Trichlorofluoromethane	9.32		"	10.0		93.2	67-139		5.73	30	
Vinyl Chloride	9.38		"	10.0		93.8	58-145		5.90	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.10*		*"*	*10.0*		*91.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
Batch BH41960 - EPA 5035A											
Blank (BH41960-BLK1)								Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41960 - EPA 5035A											
Blank (BH41960-BLK1)									Prepared & Analyzed: 08/29/2024		
Bromoform	ND	0.0050	mg/kg wet								
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	"								
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	0.0088	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)	0.0069	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41960 - EPA 5035A											
LCS (BH41960-BS1)								Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	42.7		ug/L	50.0		85.5	75-129				
1,1,1-Trichloroethane	53.4		"	50.0		107	71-137				
1,1,2,2-Tetrachloroethane	51.0		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55.7		"	50.0		111	58-146				
1,1,2-Trichloroethane	49.9		"	50.0		99.7	83-123				
1,1-Dichloroethane	51.4		"	50.0		103	75-130				
1,1-Dichloroethylene	58.9		"	50.0		118	64-137				
1,2,3-Trichlorobenzene	51.4		"	50.0		103	81-140				
1,2,3-Trichloropropane	49.7		"	50.0		99.5	81-126				
1,2,4-Trichlorobenzene	55.8		"	50.0		112	80-141				
1,2,4-Trimethylbenzene	53.2		"	50.0		106	84-125				
1,2-Dibromo-3-chloropropane	48.4		"	50.0		96.7	74-142				
1,2-Dibromoethane	51.4		"	50.0		103	86-123				
1,2-Dichlorobenzene	51.2		"	50.0		102	85-122				
1,2-Dichloroethane	54.2		"	50.0		108	71-133				
1,2-Dichloropropane	50.4		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	53.4		"	50.0		107	82-126				
1,3-Dichlorobenzene	51.3		"	50.0		103	84-124				
1,4-Dichlorobenzene	50.3		"	50.0		101	84-124				
1,4-Dioxane	1010		"	1050		96.6	10-228				
2-Butanone	50.3		"	50.0		101	58-147				
2-Hexanone	47.4		"	50.0		94.8	70-139				
4-Methyl-2-pentanone	49.5		"	50.0		99.0	72-132				
Acetone	108		"	50.0		216	36-155	High Bias			
Acrolein	12.8		"	50.0		25.6	10-238				
Acrylonitrile	50.3		"	50.0		101	66-141				
Benzene	54.6		"	50.0		109	77-127				
Bromochloromethane	51.7		"	50.0		103	74-129				
Bromodichloromethane	52.1		"	50.0		104	81-124				
Bromoform	45.2		"	50.0		90.5	80-136				
Bromomethane	64.0		"	50.0		128	32-177				
Carbon disulfide	62.3		"	50.0		125	10-136				
Carbon tetrachloride	48.6		"	50.0		97.3	66-143				
Chlorobenzene	51.4		"	50.0		103	86-120				
Chloroethane	56.1		"	50.0		112	51-142				
Chloroform	53.1		"	50.0		106	76-131				
Chloromethane	47.2		"	50.0		94.4	49-132				
cis-1,2-Dichloroethylene	53.0		"	50.0		106	74-132				
cis-1,3-Dichloropropylene	50.8		"	50.0		102	81-129				
Cyclohexane	52.5		"	50.0		105	70-130				
Dibromochloromethane	47.2		"	50.0		94.4	10-200				
Dibromomethane	49.3		"	50.0		98.5	83-124				
Dichlorodifluoromethane	53.9		"	50.0		108	28-158				
Ethyl Benzene	53.9		"	50.0		108	84-125				
Hexachlorobutadiene	49.2		"	50.0		98.4	83-133				
Isopropylbenzene	52.7		"	50.0		105	81-127				
Methyl acetate	43.1		"	50.0		86.3	41-143				
Methyl tert-butyl ether (MTBE)	56.0		"	50.0		112	74-131				
Methylcyclohexane	49.3		"	50.0		98.7	70-130				
Methylene chloride	60.6		"	50.0		121	57-141				
n-Butylbenzene	54.0		"	50.0		108	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41960 - EPA 5035A											
LCS (BH41960-BS1)								Prepared & Analyzed: 08/29/2024			
n-Propylbenzene	52.9		ug/L	50.0		106	74-136				
o-Xylene	52.3		"	50.0		105	83-123				
p- & m- Xylenes	111		"	100		111	82-128				
p-Isopropyltoluene	54.5		"	50.0		109	85-125				
sec-Butylbenzene	51.9		"	50.0		104	83-125				
Styrene	52.4		"	50.0		105	86-126				
tert-Butyl alcohol (TBA)	250		"	250		99.9	70-130				
tert-Butylbenzene	50.6		"	50.0		101	80-127				
Tetrachloroethylene	41.7		"	50.0		83.4	80-129				
Toluene	52.7		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	54.5		"	50.0		109	72-132				
trans-1,3-Dichloropropylene	50.9		"	50.0		102	78-132				
Trichloroethylene	51.1		"	50.0		102	84-123				
Trichlorofluoromethane	53.4		"	50.0		107	62-140				
Vinyl Chloride	52.6		"	50.0		105	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.4*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.4*		*"*	*50.0*		*98.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*76-130*				
LCS Dup (BH41960-BSD1)								Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	41.5		ug/L	50.0		83.0	75-129		2.90	30	
1,1,1-Trichloroethane	51.3		"	50.0		103	71-137		4.03	30	
1,1,2,2-Tetrachloroethane	50.5		"	50.0		101	79-129		1.06	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.1		"	50.0		108	58-146		2.97	30	
1,1,2-Trichloroethane	49.3		"	50.0		98.6	83-123		1.13	30	
1,1-Dichloroethane	49.5		"	50.0		98.9	75-130		3.85	30	
1,1-Dichloroethylene	56.5		"	50.0		113	64-137		4.11	30	
1,2,3-Trichlorobenzene	50.5		"	50.0		101	81-140		1.71	30	
1,2,3-Trichloropropane	49.4		"	50.0		98.7	81-126		0.787	30	
1,2,4-Trichlorobenzene	54.0		"	50.0		108	80-141		3.33	30	
1,2,4-Trimethylbenzene	51.0		"	50.0		102	84-125		4.19	30	
1,2-Dibromo-3-chloropropane	50.4		"	50.0		101	74-142		4.17	30	
1,2-Dibromoethane	51.1		"	50.0		102	86-123		0.624	30	
1,2-Dichlorobenzene	49.7		"	50.0		99.4	85-122		2.94	30	
1,2-Dichloroethane	52.8		"	50.0		106	71-133		2.56	30	
1,2-Dichloropropane	48.8		"	50.0		97.6	81-122		3.09	30	
1,3,5-Trimethylbenzene	51.4		"	50.0		103	82-126		3.95	30	
1,3-Dichlorobenzene	49.8		"	50.0		99.6	84-124		2.89	30	
1,4-Dichlorobenzene	48.7		"	50.0		97.4	84-124		3.25	30	
1,4-Dioxane	1100		"	1050		105	10-228		8.43	30	
2-Butanone	51.7		"	50.0		103	58-147		2.73	30	
2-Hexanone	49.1		"	50.0		98.3	70-139		3.58	30	
4-Methyl-2-pentanone	50.5		"	50.0		101	72-132		2.02	30	
Acetone	112		"	50.0		224	36-155	High Bias	3.45	30	
Acrolein	12.9		"	50.0		25.7	10-238		0.467	30	
Acrylonitrile	50.7		"	50.0		101	66-141		0.693	30	
Benzene	52.5		"	50.0		105	77-127		4.00	30	
Bromochloromethane	50.5		"	50.0		101	74-129		2.35	30	
Bromodichloromethane	50.8		"	50.0		102	81-124		2.60	30	
Bromoform	46.0		"	50.0		91.9	80-136		1.60	30	
Bromomethane	57.6		"	50.0		115	32-177		10.7	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41960 - EPA 5035A											
LCS Dup (BH41960-BSD1)								Prepared & Analyzed: 08/29/2024			
Carbon disulfide	59.7		ug/L	50.0		119	10-136		4.31	30	
Carbon tetrachloride	46.8		"	50.0		93.6	66-143		3.86	30	
Chlorobenzene	49.8		"	50.0		99.7	86-120		3.14	30	
Chloroethane	51.3		"	50.0		103	51-142		9.07	30	
Chloroform	51.3		"	50.0		103	76-131		3.51	30	
Chloromethane	45.3		"	50.0		90.5	49-132		4.20	30	
cis-1,2-Dichloroethylene	50.5		"	50.0		101	74-132		4.81	30	
cis-1,3-Dichloropropylene	49.5		"	50.0		99.0	81-129		2.63	30	
Cyclohexane	50.5		"	50.0		101	70-130		3.88	30	
Dibromochloromethane	46.7		"	50.0		93.4	10-200		1.11	30	
Dibromomethane	48.9		"	50.0		97.8	83-124		0.693	30	
Dichlorodifluoromethane	50.4		"	50.0		101	28-158		6.66	30	
Ethyl Benzene	52.2		"	50.0		104	84-125		3.32	30	
Hexachlorobutadiene	47.0		"	50.0		94.0	83-133		4.55	30	
Isopropylbenzene	50.3		"	50.0		101	81-127		4.54	30	
Methyl acetate	43.4		"	50.0		86.7	41-143		0.532	30	
Methyl tert-butyl ether (MTBE)	55.6		"	50.0		111	74-131		0.896	30	
Methylcyclohexane	46.9		"	50.0		93.8	70-130		5.09	30	
Methylene chloride	58.2		"	50.0		116	57-141		4.08	30	
n-Butylbenzene	51.7		"	50.0		103	80-130		4.27	30	
n-Propylbenzene	50.7		"	50.0		101	74-136		4.30	30	
o-Xylene	51.1		"	50.0		102	83-123		2.42	30	
p- & m- Xylenes	107		"	100		107	82-128		2.91	30	
p-Isopropyltoluene	52.1		"	50.0		104	85-125		4.48	30	
sec-Butylbenzene	49.7		"	50.0		99.4	83-125		4.39	30	
Styrene	51.4		"	50.0		103	86-126		1.91	30	
tert-Butyl alcohol (TBA)	275		"	250		110	70-130		9.79	30	
tert-Butylbenzene	48.5		"	50.0		96.9	80-127		4.28	30	
Tetrachloroethylene	40.0		"	50.0		80.0	80-129		4.24	30	
Toluene	50.4		"	50.0		101	85-121		4.52	30	
trans-1,2-Dichloroethylene	52.3		"	50.0		105	72-132		3.99	30	
trans-1,3-Dichloropropylene	50.3		"	50.0		101	78-132		1.05	30	
Trichloroethylene	49.5		"	50.0		98.9	84-123		3.18	30	
Trichlorofluoromethane	50.9		"	50.0		102	62-140		4.82	30	
Vinyl Chloride	48.6		"	50.0		97.3	52-130		7.88	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41960 - EPA 5035A											
Matrix Spike (BH41960-MS1)	*Source sample: 24H1788-02 (SB-2 (0.5-4))							Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	35.0		ug/L	50.0	0.00	69.9	15-161				
1,1,1-Trichloroethane	45.7		"	50.0	0.00	91.4	42-145				
1,1,2,2-Tetrachloroethane	44.0		"	50.0	0.00	87.9	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.3		"	50.0	0.00	92.6	11-160				
1,1,2-Trichloroethane	42.9		"	50.0	0.00	85.8	44-145				
1,1-Dichloroethane	44.1		"	50.0	0.00	88.3	46-142				
1,1-Dichloroethylene	41.2		"	50.0	0.00	82.4	30-153				
1,2,3-Trichlorobenzene	11.9		"	50.0	0.00	23.7	10-157				
1,2,3-Trichloropropane	43.4		"	50.0	0.00	86.8	38-155				
1,2,4-Trichlorobenzene	10.8		"	50.0	0.00	21.6	10-151				
1,2,4-Trimethylbenzene	30.6		"	50.0	0.00	61.3	10-170				
1,2-Dibromo-3-chloropropane	37.8		"	50.0	0.00	75.7	36-138				
1,2-Dibromoethane	32.4		"	50.0	0.00	64.8	40-142				
1,2-Dichlorobenzene	22.9		"	50.0	0.00	45.8	10-147				
1,2-Dichloroethane	41.6		"	50.0	0.00	83.2	48-133				
1,2-Dichloropropane	44.9		"	50.0	0.00	89.8	47-141				
1,3,5-Trimethylbenzene	33.6		"	50.0	0.00	67.1	10-150				
1,3-Dichlorobenzene	17.7		"	50.0	0.00	35.3	10-144				
1,4-Dichlorobenzene	16.2		"	50.0	0.00	32.5	10-160				
1,4-Dioxane	994		"	1050	0.00	94.7	10-191				
2-Butanone	39.8		"	50.0	0.00	79.6	10-189				
2-Hexanone	38.6		"	50.0	0.00	77.1	10-181				
4-Methyl-2-pentanone	45.7		"	50.0	0.00	91.4	10-166				
Acetone	103		"	50.0	5.37	195	10-196				
Acrolein	5.18		"	50.0	0.00	10.4	10-192				
Acrylonitrile	43.1		"	50.0	0.00	86.2	13-161				
Benzene	43.1		"	50.0	0.00	86.3	43-139				
Bromochloromethane	37.5		"	50.0	0.00	75.0	38-145				
Bromodichloromethane	42.2		"	50.0	0.00	84.4	38-147				
Bromoform	30.5		"	50.0	0.00	61.0	29-156				
Bromomethane	58.9		"	50.0	0.00	118	10-166				
Carbon disulfide	28.4		"	50.0	0.00	56.8	10-131				
Carbon tetrachloride	38.8		"	50.0	0.00	77.6	35-145				
Chlorobenzene	28.3		"	50.0	0.00	56.7	21-154				
Chloroethane	52.2		"	50.0	0.00	104	15-160				
Chloroform	43.4		"	50.0	0.00	86.8	47-142				
Chloromethane	41.7		"	50.0	0.00	83.3	10-159				
cis-1,2-Dichloroethylene	35.4		"	50.0	0.00	70.8	42-144				
cis-1,3-Dichloropropylene	29.8		"	50.0	0.00	59.5	18-159				
Cyclohexane	40.8		"	50.0	0.00	81.6	70-130				
Dibromochloromethane	35.4		"	50.0	0.00	70.7	10-179				
Dibromomethane	33.8		"	50.0	0.00	67.6	47-143				
Dichlorodifluoromethane	46.1		"	50.0	0.00	92.2	10-145				
Ethyl Benzene	32.8		"	50.0	0.00	65.7	11-158				
Hexachlorobutadiene	16.3		"	50.0	0.00	32.6	10-158				
Isopropylbenzene	35.4		"	50.0	0.00	70.8	10-162				
Methyl acetate	40.2		"	50.0	0.00	80.5	10-149				
Methyl tert-butyl ether (MTBE)	51.2		"	50.0	0.00	102	42-152				
Methylcyclohexane	30.9		"	50.0	0.00	61.8	70-130	Low Bias			
Methylene chloride	48.1		"	50.0	7.85	80.5	28-151				
n-Butylbenzene	16.0		"	50.0	0.00	32.1	10-162				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41960 - EPA 5035A											
Matrix Spike (BH41960-MS1)	*Source sample: 24H1788-02 (SB-2 (0.5-4))							Prepared & Analyzed: 08/29/2024			
n-Propylbenzene	25.6		ug/L	50.0	0.00	51.2	10-155				
o-Xylene	36.2		"	50.0	0.00	72.5	10-158				
p- & m- Xylenes	64.8		"	100	0.00	64.8	10-156				
p-Isopropyltoluene	25.2		"	50.0	0.00	50.5	10-147				
sec-Butylbenzene	26.6		"	50.0	0.00	53.1	10-157				
Styrene	25.6		"	50.0	0.00	51.2	13-171				
tert-Butyl alcohol (TBA)	213		"	250	0.00	85.1	34-179				
tert-Butylbenzene	34.5		"	50.0	0.00	68.9	10-160				
Tetrachloroethylene	24.3		"	50.0	0.00	48.6	30-167				
Toluene	36.7		"	50.0	0.00	73.4	21-160				
trans-1,2-Dichloroethylene	29.5		"	50.0	0.00	59.0	29-153				
trans-1,3-Dichloropropylene	22.7		"	50.0	0.00	45.5	18-155				
Trichloroethylene	30.1		"	50.0	0.00	60.2	24-169				
Trichlorofluoromethane	53.1		"	50.0	0.00	106	35-142				
Vinyl Chloride	44.8		"	50.0	0.00	89.7	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.4*		*"*	*50.0*		*107*	*76-130*				
Matrix Spike Dup (BH41960-MSD1)	*Source sample: 24H1788-02 (SB-2 (0.5-4))							Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	20.1		ug/L	50.0	0.00	40.1	15-161		54.1	33	Non-dir.
1,1,1-Trichloroethane	29.1		"	50.0	0.00	58.1	42-145		44.5	30	Non-dir.
1,1,2,2-Tetrachloroethane	27.7		"	50.0	0.00	55.3	16-167		45.5	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	25.8		"	50.0	0.00	51.5	11-160		57.0	31	Non-dir.
1,1,2-Trichloroethane	27.4		"	50.0	0.00	54.9	44-145		44.0	40	Non-dir.
1,1-Dichloroethane	29.5		"	50.0	0.00	59.0	46-142		39.8	36	Non-dir.
1,1-Dichloroethylene	21.3		"	50.0	0.00	42.6	30-153		63.7	31	Non-dir.
1,2,3-Trichlorobenzene	3.49		"	50.0	0.00	6.98	10-157	Low Bias	109	47	Non-dir.
1,2,3-Trichloropropane	27.4		"	50.0	0.00	54.8	38-155		45.2	48	
1,2,4-Trichlorobenzene	3.04		"	50.0	0.00	6.08	10-151	Low Bias	112	52	Non-dir.
1,2,4-Trimethylbenzene	11.3		"	50.0	0.00	22.6	10-170		92.3	242	
1,2-Dibromo-3-chloropropane	18.5		"	50.0	0.00	37.0	36-138		68.7	54	Non-dir.
1,2-Dibromoethane	17.0		"	50.0	0.00	33.9	40-142	Low Bias	62.5	39	Non-dir.
1,2-Dichlorobenzene	8.46		"	50.0	0.00	16.9	10-147		92.0	52	Non-dir.
1,2-Dichloroethane	25.2		"	50.0	0.00	50.5	48-133		49.0	32	Non-dir.
1,2-Dichloropropane	30.4		"	50.0	0.00	60.7	47-141		38.7	37	Non-dir.
1,3,5-Trimethylbenzene	12.9		"	50.0	0.00	25.9	10-150		88.7	62	Non-dir.
1,3-Dichlorobenzene	5.56		"	50.0	0.00	11.1	10-144		104	51	Non-dir.
1,4-Dichlorobenzene	5.20		"	50.0	0.00	10.4	10-160		103	52	Non-dir.
1,4-Dioxane	730		"	1050	0.00	69.6	10-191		30.6	196	
2-Butanone	31.0		"	50.0	0.00	62.0	10-189		24.8	67	
2-Hexanone	24.8		"	50.0	0.00	49.5	10-181		43.6	60	
4-Methyl-2-pentanone	32.5		"	50.0	0.00	65.0	10-166		33.7	47	
Acetone	77.8		"	50.0	4.92	146	10-196		27.8	150	
Acrolein	1.83		"	50.0	0.00	3.66	10-192	Low Bias	95.6	128	
Acrylonitrile	31.0		"	50.0	0.00	62.0	13-161		32.7	48	
Benzene	26.7		"	50.0	0.00	53.5	43-139		46.9	64	
Bromochloromethane	21.1		"	50.0	0.00	42.2	38-145		56.1	30	Non-dir.
Bromodichloromethane	26.1		"	50.0	0.00	52.2	38-147		47.1	37	Non-dir.
Bromoform	15.8		"	50.0	0.00	31.6	29-156		63.5	51	Non-dir.
Bromomethane	39.3		"	50.0	0.00	78.6	10-166		40.0	42	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41960 - EPA 5035A											
Matrix Spike Dup (BH41960-MSD1)	*Source sample: 24H1788-02 (SB-2 (0.5-4))							Prepared & Analyzed: 08/29/2024			
Carbon disulfide	10.3		ug/L	50.0	0.00	20.5	10-131		93.8	36	Non-dir.
Carbon tetrachloride	22.8		"	50.0	0.00	45.6	35-145		51.9	31	Non-dir.
Chlorobenzene	12.7		"	50.0	0.00	25.4	21-154		76.1	32	Non-dir.
Chloroethane	33.1		"	50.0	0.00	66.2	15-160		44.8	40	Non-dir.
Chloroform	28.0		"	50.0	0.00	55.9	47-142		43.3	29	Non-dir.
Chloromethane	29.9		"	50.0	0.00	59.8	10-159		32.9	31	Non-dir.
cis-1,2-Dichloroethylene	18.9		"	50.0	0.00	37.9	42-144	Low Bias	60.6	30	Non-dir.
cis-1,3-Dichloropropylene	14.1		"	50.0	0.00	28.2	18-159		71.3	39	Non-dir.
Cyclohexane	19.1		"	50.0	0.00	38.2	70-130	Low Bias	72.5	30	Non-dir.
Dibromochloromethane	20.3		"	50.0	0.00	40.7	10-179		53.9	41	Non-dir.
Dibromomethane	18.0		"	50.0	0.00	36.0	47-143	Low Bias	61.0	41	Non-dir.
Dichlorodifluoromethane	31.3		"	50.0	0.00	62.7	10-145		38.1	34	Non-dir.
Ethyl Benzene	14.1		"	50.0	0.00	28.2	11-158		79.8	42	Non-dir.
Hexachlorobutadiene	5.33		"	50.0	0.00	10.7	10-158		102	45	Non-dir.
Isopropylbenzene	14.8		"	50.0	0.00	29.5	10-162		82.3	57	Non-dir.
Methyl acetate	28.0		"	50.0	0.00	56.0	10-149		35.8	64	
Methyl tert-butyl ether (MTBE)	37.5		"	50.0	0.00	75.0	42-152		30.9	47	
Methylcyclohexane	11.4		"	50.0	0.00	22.9	70-130	Low Bias	92.0	30	Non-dir.
Methylene chloride	32.5		"	50.0	7.20	50.6	28-151		38.8	49	
n-Butylbenzene	4.26		"	50.0	0.00	8.52	10-162	Low Bias	116	96	Non-dir.
n-Propylbenzene	8.55		"	50.0	0.00	17.1	10-155		99.9	56	Non-dir.
o-Xylene	17.2		"	50.0	0.00	34.4	10-158		71.1	51	Non-dir.
p- & m- Xylenes	27.2		"	100	0.00	27.2	10-156		81.5	47	Non-dir.
p-Isopropyltoluene	7.81		"	50.0	0.00	15.6	10-147		105	60	Non-dir.
sec-Butylbenzene	8.71		"	50.0	0.00	17.4	10-157		101	56	Non-dir.
Styrene	10.1		"	50.0	0.00	20.2	13-171		86.8	39	Non-dir.
tert-Butyl alcohol (TBA)	156		"	250	0.00	62.5	34-179		30.7	35	
tert-Butylbenzene	13.3		"	50.0	0.00	26.7	10-160		88.5	79	Non-dir.
Tetrachloroethylene	10.3		"	50.0	0.00	20.6	30-167	Low Bias	80.8	33	Non-dir.
Toluene	19.4		"	50.0	0.00	38.9	21-160		61.5	50	Non-dir.
trans-1,2-Dichloroethylene	12.3		"	50.0	0.00	24.6	29-153	Low Bias	82.2	30	Non-dir.
trans-1,3-Dichloropropylene	9.23		"	50.0	0.00	18.5	18-155		84.5	30	Non-dir.
Trichloroethylene	13.3		"	50.0	0.00	26.7	24-169		77.1	30	Non-dir.
Trichlorofluoromethane	34.1		"	50.0	0.00	68.1	35-142		43.6	30	Non-dir.
Vinyl Chloride	25.7		"	50.0	0.00	51.4	12-160		54.2	35	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.6*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*56.4*		*"*	*50.0*		*113*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41952 - EPA 3510C											
Blank (BH41952-BLK1)									Prepared & Analyzed: 08/29/2024		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41952 - EPA 3510C											
Blank (BH41952-BLK1)										Prepared & Analyzed: 08/29/2024	
Surrogate: SURR: 2-Fluorophenol	*19.0*		*ug/L*	*50.0*		*38.1*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.45*		*"*	*50.0*		*18.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*22.8*		*"*	*25.0*		*91.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.2*		*"*	*25.0*		*72.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*73.5*		*"*	*50.0*		*147*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.8*		*"*	*25.0*		*83.1*	*30.7-106*				
Blank (BH41952-BLK2)										Prepared & Analyzed: 08/29/2024	
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41952 - EPA 3510C											
LCS (BH41952-BS1)								Prepared & Analyzed: 08/29/2024			
1,1-Biphenyl	21.4	5.00	ug/L	25.0		85.4	33-95				
1,2,4,5-Tetrachlorobenzene	23.0	5.00	"	25.0		91.9	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	20.4	5.00	"	25.0		81.6	16-141				
2,3,4,6-Tetrachlorophenol	22.2	5.00	"	25.0		88.7	30-130				
2,4,5-Trichlorophenol	21.8	5.00	"	25.0		87.0	32-114				
2,4,6-Trichlorophenol	24.9	5.00	"	25.0		99.5	35-118				
2,4-Dichlorophenol	23.4	5.00	"	25.0		93.4	25-116				
2,4-Dimethylphenol	19.3	5.00	"	25.0		77.1	15-116				
2,4-Dinitrophenol	37.7	5.00	"	25.0		151	10-170				
2,4-Dinitrotoluene	29.6	5.00	"	25.0		119	41-128				
2,6-Dinitrotoluene	27.6	5.00	"	25.0		110	45-116				
2-Chloronaphthalene	20.3	5.00	"	25.0		81.3	33-112				
2-Chlorophenol	18.8	5.00	"	25.0		75.1	15-120				
2-Methylnaphthalene	21.3	5.00	"	25.0		85.2	24-118				
2-Methylphenol	16.6	5.00	"	25.0		66.6	10-110				
2-Nitroaniline	23.5	5.00	"	25.0		94.2	34-129				
2-Nitrophenol	27.9	5.00	"	25.0		112	28-118				
3- & 4-Methylphenols	13.5	5.00	"	25.0		54.1	10-107				
3,3-Dichlorobenzidine	17.7	5.00	"	25.0		70.8	15-187				
3-Nitroaniline	18.9	5.00	"	25.0		75.4	24-134				
4,6-Dinitro-2-methylphenol	46.4	5.00	"	25.0		185	10-153	High Bias			
4-Bromophenyl phenyl ether	27.2	5.00	"	25.0		109	34-120				
4-Chloro-3-methylphenol	22.6	5.00	"	25.0		90.4	20-120				
4-Chloroaniline	15.2	5.00	"	25.0		60.6	10-147				
4-Chlorophenyl phenyl ether	23.6	5.00	"	25.0		94.2	27-121				
4-Nitroaniline	19.9	5.00	"	25.0		79.7	13-134				
4-Nitrophenol	9.06	5.00	"	25.0		36.2	10-131				
Acetophenone	23.8	5.00	"	25.0		95.1	25-110				
Aniline	21.3	5.00	"	25.0		85.2	10-117				
Benzaldehyde	16.7	5.00	"	25.0		67.0	29-117				
Benzoic acid	4.74	5.00	"	25.0		19.0	30-130	Low Bias			
Benzyl alcohol	13.6	5.00	"	25.0		54.5	10-117				
Benzyl butyl phthalate	17.0	5.00	"	25.0		67.8	29-133				
Bis(2-chloroethoxy)methane	24.0	5.00	"	25.0		96.1	10-154				
Bis(2-chloroethyl)ether	30.7	5.00	"	25.0		123	17-125				
Bis(2-chloroisopropyl)ether	21.1	5.00	"	25.0		84.6	10-139				
Caprolactam	4.89	5.00	"	25.0		19.6	10-137				
Carbazole	20.6	5.00	"	25.0		82.5	42-126				
Dibenzofuran	21.0	5.00	"	25.0		83.8	36-113				
Diethyl phthalate	21.1	5.00	"	25.0		84.4	38-115				
Dimethyl phthalate	21.9	5.00	"	25.0		87.4	38-129				
Di-n-butyl phthalate	21.3	5.00	"	25.0		85.3	31-120				
Di-n-octyl phthalate	17.0	5.00	"	25.0		68.2	21-149				
Diphenylamine	24.9	5.00	"	25.0		99.6	40-140				
Hexachlorocyclopentadiene	16.3	10.0	"	25.0		65.2	10-130				
Isophorone	23.6	5.00	"	25.0		94.4	25-127				
N-nitroso-di-n-propylamine	21.1	5.00	"	25.0		84.4	26-122				
N-Nitrosodiphenylamine	24.6	5.00	"	25.0		98.3	23-149				
Phenol	8.30	5.00	"	25.0		33.2	10-110				
Pyridine	5.90	5.00	"	35.0		16.9	10-90				
Surrogate: SURR: 2-Fluorophenol	*22.4*		*"*	*50.0*		*44.8*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41952 - EPA 3510C											
LCS (BH41952-BS1)								Prepared & Analyzed: 08/29/2024			
Surrogate: SURR: Phenol-d6	*13.0*		*ug/L*	*50.0*		*25.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*25.7*		*"*	*25.0*		*103*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*21.8*		*"*	*25.0*		*87.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*85.0*		*"*	*50.0*		*170*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.7*		*"*	*25.0*		*94.8*	*30.7-106*				
LCS (BH41952-BS2)								Prepared & Analyzed: 08/29/2024			
Acenaphthene	0.500	0.0500	ug/L	1.00		50.0	25-116				
Acenaphthylene	0.580	0.0500	"	1.00		58.0	26-116				
Anthracene	0.560	0.0500	"	1.00		56.0	25-123				
Benzo(a)anthracene	0.510	0.0500	"	1.00		51.0	33-125				
Benzo(a)pyrene	0.510	0.0500	"	1.00		51.0	32-132				
Benzo(b)fluoranthene	0.470	0.0500	"	1.00		47.0	22-137				
Benzo(g,h,i)perylene	0.750	0.0500	"	1.00		75.0	10-138				
Benzo(k)fluoranthene	0.480	0.0500	"	1.00		48.0	20-137				
Bis(2-ethylhexyl)phthalate	0.530	0.500	"	1.00		53.0	10-189				
Chrysene	0.480	0.0500	"	1.00		48.0	32-124				
Dibenzo(a,h)anthracene	0.820	0.0500	"	1.00		82.0	16-133				
Fluoranthene	0.610	0.0500	"	1.00		61.0	32-121				
Fluorene	0.560	0.0500	"	1.00		56.0	28-118				
Hexachlorobenzene	0.0800	0.0200	"	1.00		8.00	23-124	Low Bias			
Hexachlorobutadiene	0.520	0.500	"	1.00		52.0	15-123				
Hexachloroethane	0.570	0.500	"	1.00		57.0	18-115				
Indeno(1,2,3-cd)pyrene	0.780	0.0500	"	1.00		78.0	15-135				
Naphthalene	0.580	0.0500	"	1.00		58.0	18-120				
Nitrobenzene	0.410	0.250	"	1.00		41.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.56	0.250	"	1.00		156	10-156				
Phenanthrene	0.550	0.0500	"	1.00		55.0	24-127				
Pyrene	0.400	0.0500	"	1.00		40.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41952 - EPA 3510C											
LCS Dup (BH41952-BSD1)								Prepared & Analyzed: 08/29/2024			
1,1-Biphenyl	21.4	5.00	ug/L	25.0		85.5	33-95		0.140	20	
1,2,4,5-Tetrachlorobenzene	23.1	5.00	"	25.0		92.3	26-120		0.391	20	
1,2-Diphenylhydrazine (as Azobenzene)	20.7	5.00	"	25.0		82.6	16-141		1.27	20	
2,3,4,6-Tetrachlorophenol	22.2	5.00	"	25.0		88.9	30-130		0.225	20	
2,4,5-Trichlorophenol	21.5	5.00	"	25.0		85.8	32-114		1.39	20	
2,4,6-Trichlorophenol	24.5	5.00	"	25.0		98.2	35-118		1.34	20	
2,4-Dichlorophenol	23.3	5.00	"	25.0		93.2	25-116		0.214	20	
2,4-Dimethylphenol	19.2	5.00	"	25.0		76.9	15-116		0.208	20	
2,4-Dinitrophenol	37.6	5.00	"	25.0		150	10-170		0.292	20	
2,4-Dinitrotoluene	28.9	5.00	"	25.0		116	41-128		2.46	20	
2,6-Dinitrotoluene	27.1	5.00	"	25.0		109	45-116		1.61	20	
2-Chloronaphthalene	20.4	5.00	"	25.0		81.6	33-112		0.393	20	
2-Chlorophenol	18.7	5.00	"	25.0		74.7	15-120		0.534	20	
2-Methylnaphthalene	21.8	5.00	"	25.0		87.0	24-118		2.09	20	
2-Methylphenol	16.5	5.00	"	25.0		65.8	10-110		1.09	20	
2-Nitroaniline	23.7	5.00	"	25.0		94.6	34-129		0.508	20	
2-Nitrophenol	27.9	5.00	"	25.0		112	28-118		0.107	20	
3- & 4-Methylphenols	13.4	5.00	"	25.0		53.4	10-107		1.34	20	
3,3-Dichlorobenzidine	17.4	5.00	"	25.0		69.6	15-187		1.71	20	
3-Nitroaniline	18.7	5.00	"	25.0		74.7	24-134		0.959	20	
4,6-Dinitro-2-methylphenol	46.1	5.00	"	25.0		185	10-153	High Bias	0.476	20	
4-Bromophenyl phenyl ether	27.2	5.00	"	25.0		109	34-120		0.221	20	
4-Chloro-3-methylphenol	22.2	5.00	"	25.0		89.0	20-120		1.61	20	
4-Chloroaniline	15.0	5.00	"	25.0		60.0	10-147		1.13	20	
4-Chlorophenyl phenyl ether	23.3	5.00	"	25.0		93.3	27-121		0.981	20	
4-Nitroaniline	19.5	5.00	"	25.0		77.8	13-134		2.34	20	
4-Nitrophenol	8.95	5.00	"	25.0		35.8	10-131		1.22	20	
Acetophenone	23.0	5.00	"	25.0		92.0	25-110		3.29	20	
Aniline	21.5	5.00	"	25.0		86.0	10-117		0.982	20	
Benzaldehyde	16.4	5.00	"	25.0		65.5	29-117		2.23	20	
Benzoic acid	4.49	5.00	"	25.0		18.0	30-130	Low Bias	5.42	20	
Benzyl alcohol	13.4	5.00	"	25.0		53.8	10-117		1.33	20	
Benzyl butyl phthalate	16.4	5.00	"	25.0		65.6	29-133		3.42	20	
Bis(2-chloroethoxy)methane	23.9	5.00	"	25.0		95.8	10-154		0.375	20	
Bis(2-chloroethyl)ether	31.0	5.00	"	25.0		124	17-125		1.10	20	
Bis(2-chloroisopropyl)ether	21.1	5.00	"	25.0		84.4	10-139		0.142	20	
Caprolactam	5.06	5.00	"	25.0		20.2	10-137		3.42	20	
Carbazole	20.4	5.00	"	25.0		81.6	42-126		1.17	20	
Dibenzofuran	20.9	5.00	"	25.0		83.7	36-113		0.0955	20	
Diethyl phthalate	20.7	5.00	"	25.0		82.6	38-115		2.06	20	
Dimethyl phthalate	21.8	5.00	"	25.0		87.2	38-129		0.275	20	
Di-n-butyl phthalate	20.8	5.00	"	25.0		83.0	31-120		2.71	20	
Di-n-octyl phthalate	16.7	5.00	"	25.0		66.8	21-149		2.01	20	
Diphenylamine	25.1	5.00	"	25.0		101	40-140		0.999	20	
Hexachlorocyclopentadiene	16.8	10.0	"	25.0		67.4	10-130		3.26	20	
Isophorone	24.0	5.00	"	25.0		95.8	25-127		1.56	20	
N-nitroso-di-n-propylamine	20.8	5.00	"	25.0		83.4	26-122		1.14	20	
N-Nitrosodiphenylamine	24.8	5.00	"	25.0		99.2	23-149		0.932	20	
Phenol	8.22	5.00	"	25.0		32.9	10-110		0.969	20	
Pyridine	5.41	5.00	"	35.0		15.5	10-90		8.66	20	
Surrogate: SURR: 2-Fluorophenol	*22.7*		*"*	*50.0*		*45.4*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41952 - EPA 3510C											
LCS Dup (BH41952-BSD1)											Prepared & Analyzed: 08/29/2024
Surrogate: SURR: Phenol-d6	*13.1*		*ug/L*	*50.0*		*26.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*26.4*		*"*	*25.0*		*106*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*21.8*		*"*	*25.0*		*87.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*86.2*		*"*	*50.0*		*172*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.3*		*"*	*25.0*		*93.2*	*30.7-106*				
Batch BH41993 - EPA 3550C											
Blank (BH41993-BLK1)											Prepared: 08/29/2024 Analyzed: 08/30/2024
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41993 - EPA 3550C											
Blank (BH41993-BLK1)											
Prepared: 08/29/2024 Analyzed: 08/30/2024											
Benzyl butyl phthalate	ND	0.0416	mg/kg wet								
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	"								
Caprolactam	ND	0.0830	"								
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	"								
Diphenylamine	ND	0.0830	"								
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	*1.56*		"	*1.66*		*93.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.35*		"	*1.66*		*81.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.822*		"	*0.831*		*98.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.817*		"	*0.831*		*98.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.94*		"	*1.66*		*117*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.778*		"	*0.831*		*93.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41993 - EPA 3550C											
LCS (BH41993-BS1)								Prepared: 08/29/2024 Analyzed: 08/30/2024			
1,1-Biphenyl	1.17	0.0416	mg/kg wet	0.831		141	18-111	High Bias			
1,2,4,5-Tetrachlorobenzene	1.24	0.0830	"	0.831		149	21-131	High Bias			
1,2-Diphenylhydrazine (as Azobenzene)	1.03	0.0416	"	0.831		124	17-137				
2,3,4,6-Tetrachlorophenol	1.33	0.0830	"	0.831		160	30-130	High Bias			
2,4,5-Trichlorophenol	1.26	0.0416	"	0.831		152	27-118	High Bias			
2,4,6-Trichlorophenol	1.29	0.0416	"	0.831		156	31-120	High Bias			
2,4-Dichlorophenol	1.26	0.0416	"	0.831		152	20-127	High Bias			
2,4-Dimethylphenol	1.12	0.0416	"	0.831		135	14-132	High Bias			
2,4-Dinitrophenol	1.32	0.0830	"	0.831		159	10-171				
2,4-Dinitrotoluene	1.22	0.0416	"	0.831		147	34-131	High Bias			
2,6-Dinitrotoluene	1.22	0.0416	"	0.831		147	31-128	High Bias			
2-Chloronaphthalene	1.12	0.0416	"	0.831		135	31-117	High Bias			
2-Chlorophenol	1.12	0.0416	"	0.831		135	33-113	High Bias			
2-Methylnaphthalene	1.14	0.0416	"	0.831		137	12-138				
2-Methylphenol	1.04	0.0416	"	0.831		125	10-136				
2-Nitroaniline	1.17	0.0830	"	0.831		141	27-132	High Bias			
2-Nitrophenol	1.18	0.0416	"	0.831		142	17-129	High Bias			
3- & 4-Methylphenols	0.924	0.0416	"	0.831		111	29-103	High Bias			
3,3-Dichlorobenzidine	1.02	0.0416	"	0.831		123	22-149				
3-Nitroaniline	1.03	0.0830	"	0.831		124	20-133				
4,6-Dinitro-2-methylphenol	1.36	0.0830	"	0.831		164	10-143	High Bias			
4-Bromophenyl phenyl ether	1.25	0.0416	"	0.831		151	29-120	High Bias			
4-Chloro-3-methylphenol	1.18	0.0416	"	0.831		142	24-129	High Bias			
4-Chloroaniline	0.863	0.0416	"	0.831		104	10-132				
4-Chlorophenyl phenyl ether	1.17	0.0416	"	0.831		141	27-124	High Bias			
4-Nitroaniline	1.05	0.0830	"	0.831		126	16-128				
4-Nitrophenol	1.13	0.0830	"	0.831		136	10-141				
Acenaphthene	1.06	0.0416	"	0.831		128	30-121	High Bias			
Acenaphthylene	1.06	0.0416	"	0.831		127	30-115	High Bias			
Acetophenone	0.997	0.0416	"	0.831		120	20-112	High Bias			
Aniline	0.740	0.166	"	0.831		89.1	10-119				
Anthracene	1.17	0.0416	"	0.831		141	34-118	High Bias			
Atrazine	1.28	0.0416	"	0.831		154	26-112	High Bias			
Benzaldehyde	0.705	0.0416	"	0.831		84.8	21-100				
Benzo(a)anthracene	1.12	0.0416	"	0.831		135	32-122	High Bias			
Benzo(a)pyrene	1.31	0.0416	"	0.831		158	29-133	High Bias			
Benzo(b)fluoranthene	1.18	0.0416	"	0.831		142	25-133	High Bias			
Benzo(g,h,i)perylene	1.62	0.0416	"	0.831		195	10-143	High Bias			
Benzo(k)fluoranthene	1.18	0.0416	"	0.831		142	25-128	High Bias			
Benzoic acid	0.329	0.0416	"	0.831		39.6	10-140				
Benzyl alcohol	0.984	0.0416	"	0.831		118	30-115	High Bias			
Benzyl butyl phthalate	0.960	0.0416	"	0.831		116	26-126				
Bis(2-chloroethoxy)methane	1.05	0.0416	"	0.831		126	19-132				
Bis(2-chloroethyl)ether	0.925	0.0416	"	0.831		111	19-125				
Bis(2-chloroisopropyl)ether	0.898	0.0416	"	0.831		108	20-135				
Bis(2-ethylhexyl)phthalate	0.951	0.0416	"	0.831		114	10-155				
Caprolactam	1.36	0.0830	"	0.831		164	10-127	High Bias			
Carbazole	1.13	0.0416	"	0.831		136	35-123	High Bias			
Chrysene	1.11	0.0416	"	0.831		134	32-123	High Bias			
Dibenzo(a,h)anthracene	1.87	0.0416	"	0.831		225	10-136	High Bias			
Dibenzofuran	1.13	0.0416	"	0.831		137	29-121	High Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41993 - EPA 3550C											
LCS (BH41993-BS1)								Prepared: 08/29/2024 Analyzed: 08/30/2024			
Diethyl phthalate	1.15	0.0416	mg/kg wet	0.831		138	34-116	High Bias			
Dimethyl phthalate	1.16	0.0416	"	0.831		139	35-124	High Bias			
Di-n-butyl phthalate	1.14	0.0416	"	0.831		137	31-116	High Bias			
Di-n-octyl phthalate	0.932	0.0416	"	0.831		112	26-136				
Diphenylamine	1.32	0.0830	"	0.831		160	40-140	High Bias			
Fluoranthene	1.19	0.0416	"	0.831		143	33-122	High Bias			
Fluorene	1.11	0.0416	"	0.831		134	29-123	High Bias			
Hexachlorobenzene	1.15	0.0416	"	0.831		138	21-124	High Bias			
Hexachlorobutadiene	1.35	0.0416	"	0.831		163	10-149	High Bias			
Hexachlorocyclopentadiene	1.19	0.0416	"	0.831		143	10-129	High Bias			
Hexachloroethane	1.07	0.0416	"	0.831		129	28-108	High Bias			
Indeno(1,2,3-cd)pyrene	1.77	0.0416	"	0.831		213	10-135	High Bias			
Isophorone	1.05	0.0416	"	0.831		126	20-132				
Naphthalene	1.10	0.0416	"	0.831		132	23-124	High Bias			
Nitrobenzene	1.09	0.0416	"	0.831		131	13-132				
N-Nitrosodimethylamine	0.878	0.0416	"	0.831		106	11-129				
N-nitroso-di-n-propylamine	0.923	0.0416	"	0.831		111	24-119				
N-Nitrosodiphenylamine	1.32	0.0416	"	0.831		160	22-152	High Bias			
Pentachlorophenol	1.32	0.0416	"	0.831		159	10-139	High Bias			
Phenanthrene	1.16	0.0416	"	0.831		140	33-123	High Bias			
Phenol	1.03	0.0416	"	0.831		124	23-115	High Bias			
Pyrene	1.03	0.0416	"	0.831		124	24-130				
Pyridine	0.811	0.166	"	0.831		97.7	10-91	High Bias			
Surrogate: SURR: 2-Fluorophenol	*2.14*		"	*1.66*		*129*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.91*		"	*1.66*		*115*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*1.12*		"	*0.831*		*135*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*1.17*		"	*0.831*		*141*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.88*		"	*1.66*		*174*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*1.10*		"	*0.831*		*133*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41993 - EPA 3550C											
Matrix Spike (BH41993-MS1)	*Source sample: 24H1788-02 (SB-2 (0.5-4))								Prepared: 08/29/2024 Analyzed: 08/30/2024		
1,1-Biphenyl	0.868	0.0992	mg/kg dry	0.991	ND	87.5	10-130				
1,2,4,5-Tetrachlorobenzene	0.900	0.198	"	0.991	ND	90.8	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.738	0.0992	"	0.991	ND	74.5	10-144				
2,3,4,6-Tetrachlorophenol	0.938	0.198	"	0.991	ND	94.6	30-130				
2,4,5-Trichlorophenol	0.959	0.0992	"	0.991	ND	96.7	10-127				
2,4,6-Trichlorophenol	0.921	0.0992	"	0.991	ND	92.9	10-132				
2,4-Dichlorophenol	0.973	0.0992	"	0.991	ND	98.2	10-128				
2,4-Dimethylphenol	0.883	0.0992	"	0.991	ND	89.0	10-137				
2,4-Dinitrophenol	1.18	0.198	"	0.991	ND	119	10-171				
2,4-Dinitrotoluene	0.842	0.0992	"	0.991	ND	85.0	16-135				
2,6-Dinitrotoluene	0.879	0.0992	"	0.991	ND	88.7	18-131				
2-Chloronaphthalene	0.826	0.0992	"	0.991	ND	83.4	10-129				
2-Chlorophenol	0.819	0.0992	"	0.991	ND	82.6	15-116				
2-Methylnaphthalene	0.895	0.0992	"	0.991	ND	90.3	10-147				
2-Methylphenol	1.05	0.0992	"	0.991	ND	106	10-136				
2-Nitroaniline	0.825	0.198	"	0.991	ND	83.2	10-137				
2-Nitrophenol	0.895	0.0992	"	0.991	ND	90.3	10-129				
3- & 4-Methylphenols	0.698	0.0992	"	0.991	ND	70.4	10-123				
3,3-Dichlorobenzidine	0.662	0.0992	"	0.991	ND	66.8	10-155				
3-Nitroaniline	0.728	0.198	"	0.991	ND	73.4	12-133				
4,6-Dinitro-2-methylphenol	0.589	0.198	"	0.991	ND	59.4	10-155				
4-Bromophenyl phenyl ether	0.900	0.0992	"	0.991	ND	90.8	14-128				
4-Chloro-3-methylphenol	0.919	0.0992	"	0.991	ND	92.7	10-134				
4-Chloroaniline	0.683	0.0992	"	0.991	ND	68.9	10-145				
4-Chlorophenyl phenyl ether	0.886	0.0992	"	0.991	ND	89.4	14-130				
4-Nitroaniline	0.721	0.198	"	0.991	ND	72.7	10-147				
4-Nitrophenol	0.776	0.198	"	0.991	ND	78.2	10-137				
Acenaphthene	0.781	0.0992	"	0.991	ND	78.8	10-146				
Acenaphthylene	0.792	0.0992	"	0.991	ND	79.9	10-134				
Acetophenone	0.753	0.0992	"	0.991	ND	75.9	10-116				
Aniline	0.514	0.397	"	0.991	ND	51.8	10-123				
Anthracene	0.865	0.0992	"	0.991	ND	87.3	10-142				
Atrazine	0.925	0.0992	"	0.991	ND	93.3	19-115				
Benzaldehyde	0.541	0.0992	"	0.991	ND	54.6	10-125				
Benzo(a)anthracene	0.896	0.0992	"	0.991	0.159	74.4	10-158				
Benzo(a)pyrene	1.01	0.0992	"	0.991	0.192	82.9	10-180				
Benzo(b)fluoranthene	0.967	0.0992	"	0.991	0.340	63.3	10-200				
Benzo(g,h,i)perylene	1.11	0.0992	"	0.991	0.179	93.4	10-138				
Benzo(k)fluoranthene	0.971	0.0992	"	0.991	0.130	84.8	10-197				
Benzoic acid	1.61	0.0992	"	0.991	ND	162	10-166				
Benzyl alcohol	0.734	0.0992	"	0.991	ND	74.0	12-124				
Benzyl butyl phthalate	0.649	0.0992	"	0.991	ND	65.4	10-154				
Bis(2-chloroethoxy)methane	0.795	0.0992	"	0.991	ND	80.2	10-132				
Bis(2-chloroethyl)ether	0.710	0.0992	"	0.991	ND	71.6	10-119				
Bis(2-chloroisopropyl)ether	0.682	0.0992	"	0.991	ND	68.8	10-139				
Bis(2-ethylhexyl)phthalate	0.641	0.0992	"	0.991	ND	64.6	10-167				
Caprolactam	1.01	0.198	"	0.991	ND	102	10-132				
Carbazole	0.845	0.0992	"	0.991	ND	85.3	10-167				
Chrysene	0.907	0.0992	"	0.991	0.258	65.4	10-156				
Dibenzo(a,h)anthracene	1.24	0.0992	"	0.991	ND	125	10-137				
Dibenzofuran	0.842	0.0992	"	0.991	ND	85.0	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41993 - EPA 3550C											
Matrix Spike (BH41993-MS1)	*Source sample: 24H1788-02 (SB-2 (0.5-4))							Prepared: 08/29/2024 Analyzed: 08/30/2024			
Diethyl phthalate	0.818	0.0992	mg/kg dry	0.991	ND	82.6	20-120				
Dimethyl phthalate	0.822	0.0992	"	0.991	ND	83.0	18-131				
Di-n-butyl phthalate	0.817	0.0992	"	0.991	ND	82.4	10-137				
Di-n-octyl phthalate	0.651	0.0992	"	0.991	ND	65.7	10-180				
Diphenylamine	0.948	0.198	"	0.991	ND	95.6	40-140				
Fluoranthene	1.12	0.0992	"	0.991	0.555	56.7	10-160				
Fluorene	0.836	0.0992	"	0.991	ND	84.3	10-157				
Hexachlorobenzene	0.839	0.0992	"	0.991	ND	84.6	10-137				
Hexachlorobutadiene	1.05	0.0992	"	0.991	ND	106	10-132				
Hexachlorocyclopentadiene	0.753	0.0992	"	0.991	ND	75.9	10-106				
Hexachloroethane	0.813	0.0992	"	0.991	ND	82.0	10-110				
Indeno(1,2,3-cd)pyrene	1.23	0.0992	"	0.991	0.202	104	10-144				
Isophorone	0.799	0.0992	"	0.991	ND	80.6	10-132				
Naphthalene	0.861	0.0992	"	0.991	ND	86.9	10-141				
Nitrobenzene	0.831	0.0992	"	0.991	ND	83.8	10-131				
N-Nitrosodimethylamine	0.648	0.0992	"	0.991	ND	65.4	10-126				
N-nitroso-di-n-propylamine	0.696	0.0992	"	0.991	ND	70.2	10-125				
N-Nitrosodiphenylamine	0.969	0.0992	"	0.991	ND	97.8	10-177				
Pentachlorophenol	0.844	0.0992	"	0.991	ND	85.1	10-153				
Phenanthrene	0.953	0.0992	"	0.991	0.239	72.1	10-148				
Phenol	0.780	0.0992	"	0.991	ND	78.7	10-126				
Pyrene	0.858	0.0992	"	0.991	0.405	45.7	10-165				
Pyridine	0.549	0.397	"	0.991	ND	55.4	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.56*		"	*1.98*		*78.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.41*		"	*1.98*		*71.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.851*		"	*0.991*		*85.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.839*		"	*0.991*		*84.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.03*		"	*1.98*		*102*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.726*		"	*0.991*		*73.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41993 - EPA 3550C											
Matrix Spike Dup (BH41993-MSD1)	*Source sample: 24H1788-02 (SB-2 (0.5-4))								Prepared: 08/29/2024 Analyzed: 08/30/2024		
1,1-Biphenyl	0.715	0.0992	mg/kg dry	0.991	ND	72.2	10-130		19.2	30	
1,2,4,5-Tetrachlorobenzene	0.749	0.198	"	0.991	ND	75.5	10-133		18.4	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.595	0.0992	"	0.991	ND	60.0	10-144		21.5	30	
2,3,4,6-Tetrachlorophenol	0.801	0.198	"	0.991	ND	80.8	30-130		15.8	30	
2,4,5-Trichlorophenol	0.785	0.0992	"	0.991	ND	79.2	10-127		19.9	30	
2,4,6-Trichlorophenol	0.769	0.0992	"	0.991	ND	77.6	10-132		17.9	30	
2,4-Dichlorophenol	0.806	0.0992	"	0.991	ND	81.3	10-128		18.8	30	
2,4-Dimethylphenol	0.717	0.0992	"	0.991	ND	72.3	10-137		20.7	30	
2,4-Dinitrophenol	0.922	0.198	"	0.991	ND	93.0	10-171		24.3	30	
2,4-Dinitrotoluene	0.689	0.0992	"	0.991	ND	69.5	16-135		20.0	30	
2,6-Dinitrotoluene	0.715	0.0992	"	0.991	ND	72.2	18-131		20.6	30	
2-Chloronaphthalene	0.676	0.0992	"	0.991	ND	68.2	10-129		20.1	30	
2-Chlorophenol	0.683	0.0992	"	0.991	ND	68.9	15-116		18.2	30	
2-Methylnaphthalene	0.729	0.0992	"	0.991	ND	73.5	10-147		20.5	30	
2-Methylphenol	0.855	0.0992	"	0.991	ND	86.2	10-136		20.4	30	
2-Nitroaniline	0.653	0.198	"	0.991	ND	65.8	10-137		23.3	30	
2-Nitrophenol	0.715	0.0992	"	0.991	ND	72.2	10-129		22.4	30	
3- & 4-Methylphenols	0.569	0.0992	"	0.991	ND	57.4	10-123		20.4	30	
3,3-Dichlorobenzidine	0.542	0.0992	"	0.991	ND	54.6	10-155		20.0	30	
3-Nitroaniline	0.596	0.198	"	0.991	ND	60.1	12-133		20.0	30	
4,6-Dinitro-2-methylphenol	0.369	0.198	"	0.991	ND	37.2	10-155		46.0	30	Non-dir.
4-Bromophenyl phenyl ether	0.728	0.0992	"	0.991	ND	73.4	14-128		21.1	30	
4-Chloro-3-methylphenol	0.759	0.0992	"	0.991	ND	76.6	10-134		19.1	30	
4-Chloroaniline	0.573	0.0992	"	0.991	ND	57.8	10-145		17.6	30	
4-Chlorophenyl phenyl ether	0.727	0.0992	"	0.991	ND	73.4	14-130		19.7	30	
4-Nitroaniline	0.584	0.198	"	0.991	ND	58.9	10-147		21.0	30	
4-Nitrophenol	0.631	0.198	"	0.991	ND	63.7	10-137		20.5	30	
Acenaphthene	0.652	0.0992	"	0.991	ND	65.8	10-146		18.0	30	
Acenaphthylene	0.655	0.0992	"	0.991	ND	66.1	10-134		19.0	30	
Acetophenone	0.622	0.0992	"	0.991	ND	62.7	10-116		19.0	30	
Aniline	0.427	0.397	"	0.991	ND	43.1	10-123		18.4	30	
Anthracene	0.718	0.0992	"	0.991	ND	72.4	10-142		18.6	30	
Atrazine	0.737	0.0992	"	0.991	ND	74.4	19-115		22.5	30	
Benzaldehyde	0.437	0.0992	"	0.991	ND	44.1	10-125		21.2	30	
Benzo(a)anthracene	0.816	0.0992	"	0.991	0.159	66.3	10-158		9.36	30	
Benzo(a)pyrene	0.871	0.0992	"	0.991	0.192	68.5	10-180		15.1	30	
Benzo(b)fluoranthene	0.848	0.0992	"	0.991	0.340	51.2	10-200		13.2	30	
Benzo(g,h,i)perylene	ND	0.0992	"	0.991	0.179	NR	10-138	Low Bias		30	
Benzo(k)fluoranthene	0.851	0.0992	"	0.991	0.130	72.7	10-197		13.1	30	
Benzoic acid	1.31	0.0992	"	0.991	ND	132	10-166		20.5	30	
Benzyl alcohol	0.596	0.0992	"	0.991	ND	60.1	12-124		20.8	30	
Benzyl butyl phthalate	0.533	0.0992	"	0.991	ND	53.8	10-154		19.6	30	
Bis(2-chloroethoxy)methane	0.647	0.0992	"	0.991	ND	65.3	10-132		20.5	30	
Bis(2-chloroethyl)ether	0.573	0.0992	"	0.991	ND	57.8	10-119		21.3	30	
Bis(2-chloroisopropyl)ether	0.555	0.0992	"	0.991	ND	56.0	10-139		20.5	30	
Bis(2-ethylhexyl)phthalate	0.538	0.0992	"	0.991	ND	54.2	10-167		17.5	30	
Caprolactam	0.791	0.198	"	0.991	ND	79.8	10-132		24.3	30	
Carbazole	0.698	0.0992	"	0.991	ND	70.4	10-167		19.1	30	
Chrysene	0.859	0.0992	"	0.991	0.258	60.6	10-156		5.48	30	
Dibenzo(a,h)anthracene	1.06	0.0992	"	0.991	ND	107	10-137		16.0	30	
Dibenzofuran	0.685	0.0992	"	0.991	ND	69.1	10-147		20.6	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41993 - EPA 3550C											
Matrix Spike Dup (BH41993-MSD1)	*Source sample: 24H1788-02 (SB-2 (0.5-4))								Prepared: 08/29/2024 Analyzed: 08/30/2024		
Diethyl phthalate	0.667	0.0992	mg/kg dry	0.991	ND	67.3	20-120		20.4	30	
Dimethyl phthalate	0.672	0.0992	"	0.991	ND	67.8	18-131		20.2	30	
Di-n-butyl phthalate	0.667	0.0992	"	0.991	ND	67.3	10-137		20.2	30	
Di-n-octyl phthalate	0.529	0.0992	"	0.991	ND	53.4	10-180		20.7	30	
Diphenylamine	0.769	0.198	"	0.991	ND	77.6	40-140		20.8	30	
Fluoranthene	1.11	0.0992	"	0.991	0.555	55.7	10-160		0.927	30	
Fluorene	0.677	0.0992	"	0.991	ND	68.3	10-157		21.0	30	
Hexachlorobenzene	0.698	0.0992	"	0.991	ND	70.4	10-137		18.4	30	
Hexachlorobutadiene	0.835	0.0992	"	0.991	ND	84.2	10-132		22.9	30	
Hexachlorocyclopentadiene	0.533	0.0992	"	0.991	ND	53.8	10-106		34.2	30	Non-dir.
Hexachloroethane	0.648	0.0992	"	0.991	ND	65.4	10-110		22.6	30	
Indeno(1,2,3-cd)pyrene	1.10	0.0992	"	0.991	0.202	90.3	10-144		11.8	30	
Isophorone	0.651	0.0992	"	0.991	ND	65.7	10-132		20.4	30	
Naphthalene	0.692	0.0992	"	0.991	ND	69.8	10-141		21.7	30	
Nitrobenzene	0.684	0.0992	"	0.991	ND	69.0	10-131		19.5	30	
N-Nitrosodimethylamine	0.525	0.0992	"	0.991	ND	53.0	10-126		21.0	30	
N-nitroso-di-n-propylamine	0.579	0.0992	"	0.991	ND	58.4	10-125		18.4	30	
N-Nitrosodiphenylamine	0.783	0.0992	"	0.991	ND	79.0	10-177		21.2	30	
Pentachlorophenol	0.713	0.0992	"	0.991	ND	71.9	10-153		16.8	30	
Phenanthrene	0.827	0.0992	"	0.991	0.239	59.4	10-148		14.2	30	
Phenol	0.635	0.0992	"	0.991	ND	64.1	10-126		20.5	30	
Pyrene	0.877	0.0992	"	0.991	0.405	47.7	10-165		2.19	30	
Pyridine	0.439	0.397	"	0.991	ND	44.3	10-83		22.2	30	
Surrogate: SURR: 2-Fluorophenol	*1.36*		"	*1.98*		*68.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.23*		"	*1.98*		*62.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.728*		"	*0.991*		*73.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.722*		"	*0.991*		*72.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.79*		"	*1.98*		*90.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.657*		"	*0.991*		*66.3*	*24-116*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41994 - EPA 3550C											
Blank (BH41994-BLK2)								Prepared & Analyzed: 08/29/2024			
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	*0.0718*		"	*0.0664*		*108*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0555*		"	*0.0664*		*83.5*	*30-120*				
LCS (BH41994-BS2)								Prepared & Analyzed: 08/29/2024			
Aroclor 1016	0.326	0.0166	mg/kg wet	0.332		98.1	40-130				
Aroclor 1260	0.354	0.0166	"	0.332		106	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0648*		"	*0.0664*		*97.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0528*		"	*0.0664*		*79.5*	*30-120*				
Matrix Spike (BH41994-MS2)	*Source sample: 24H1788-02 (SB-2 (0.5-4))							Prepared: 08/29/2024 Analyzed: 08/30/2024			
Aroclor 1016	0.292	0.0198	mg/kg dry	0.396	ND	73.6	40-140				
Aroclor 1260	0.321	0.0198	"	0.396	ND	80.8	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0523*		"	*0.0793*		*66.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0420*		"	*0.0793*		*53.0*	*30-120*				
Matrix Spike Dup (BH41994-MSD2)	*Source sample: 24H1788-02 (SB-2 (0.5-4))							Prepared: 08/29/2024 Analyzed: 08/30/2024			
Aroclor 1016	0.286	0.0198	mg/kg dry	0.396	ND	72.1	40-140		1.98	50	
Aroclor 1260	0.313	0.0198	"	0.396	ND	78.8	40-140		2.53	50	
Surrogate: Tetrachloro-m-xylene	*0.0539*		"	*0.0793*		*68.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0444*		"	*0.0793*		*56.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42074 - EPA SW846-3510C Low Level											
Blank (BH42074-BLK2)								Prepared & Analyzed: 08/30/2024			
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	*0.105*		"	*0.200*		*52.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0900*		"	*0.200*		*45.0*	*30-120*				
LCS (BH42074-BS2)								Prepared & Analyzed: 08/30/2024			
Aroclor 1016	0.978	0.0500	ug/L	1.00		97.8	40-120				
Aroclor 1260	1.00	0.0500	"	1.00		100	40-120				
Surrogate: Tetrachloro-m-xylene	*0.137*		"	*0.200*		*68.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0940*		"	*0.200*		*47.0*	*30-120*				
LCS Dup (BH42074-BSD2)								Prepared & Analyzed: 08/30/2024			
Aroclor 1016	0.976	0.0500	ug/L	1.00		97.6	40-120		0.246	30	
Aroclor 1260	1.00	0.0500	"	1.00		100	40-120		0.0399	30	
Surrogate: Tetrachloro-m-xylene	*0.156*		"	*0.200*		*78.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0940*		"	*0.200*		*47.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41988 - EPA 3050B											
Blank (BH41988-BLK1)										Prepared: 08/29/2024 Analyzed: 08/30/2024	
Antimony	ND	1.74	mg/kg wet								
Arsenic	ND	1.04	"								
Beryllium	ND	0.035	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Nickel	ND	0.692	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Thallium	ND	1.74	"								
Zinc	ND	1.73	"								
Duplicate (BH41988-DUP1)	*Source sample: 24H1788-02 (SB-2 (0.5-4))									Prepared: 08/29/2024 Analyzed: 08/30/2024	
Antimony	ND	2.07	mg/kg dry		2.95					35	
Arsenic	17.3	1.24	"		19.8				13.3	35	
Beryllium	0.567	0.042	"		0.547				3.57	35	
Cadmium	1.48	0.249	"		1.60				7.74	35	
Chromium	25.0	0.415	"		23.4				6.29	35	
Copper	2070	1.66	"		1840				11.9	35	
Lead	199	0.415	"		239				18.2	35	
Nickel	245	0.825	"		235				4.22	35	
Selenium	ND	2.07	"		ND					35	
Silver	ND	0.418	"		ND					35	
Thallium	ND	2.07	"		ND					35	
Zinc	980	2.06	"		939				4.26	35	
Matrix Spike (BH41988-MS1)	*Source sample: 24H1788-02 (SB-2 (0.5-4))									Prepared: 08/29/2024 Analyzed: 08/30/2024	
Antimony	8.95	2.07	mg/kg dry	24.9	2.95	24.1	75-125	Low Bias			
Arsenic	236	1.24	"	199	19.8	109	75-125				
Beryllium	5.92	0.042	"	4.97	0.547	108	75-125				
Cadmium	6.42	0.249	"	4.97	1.60	97.0	75-125				
Chromium	47.5	0.415	"	19.9	23.4	121	75-125				
Copper	2300	1.66	"	24.9	1840	NR	75-125	High Bias			
Lead	252	0.415	"	49.7	239	26.1	75-125	Low Bias			
Nickel	318	0.825	"	49.7	235	167	75-125	High Bias			
Selenium	205	2.07	"	199	ND	103	75-125				
Silver	5.99	0.418	"	4.97	ND	120	75-125				
Thallium	202	2.07	"	199	ND	101	75-125				
Zinc	1130	2.06	"	49.7	939	374	75-125	High Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41988 - EPA 3050B											
Post Spike (BH41988-PS1)	*Source sample: 24H1788-02 (SB-2 (0.5-4))								Prepared: 08/29/2024 Analyzed: 08/30/2024		
Antimony	0.282		ug/mL	0.250	0.030	101	75-125				
Arsenic	2.13		"	2.00	0.199	96.7	75-125				
Beryllium	0.054		"	0.0500	0.006	96.2	75-125				
Cadmium	0.062		"	0.0500	0.016	91.4	75-125				
Chromium	0.425		"	0.200	0.236	94.7	75-125				
Copper	18.8		"	0.250	18.5	108	75-125				
Lead	2.84		"	0.500	2.40	88.6	75-125				
Nickel	2.82		"	0.500	2.36	92.0	75-125				
Selenium	1.87		"	2.00	-0.003	93.4	75-125				
Silver	0.060		"	0.0500	0.003	115	75-125				
Thallium	1.82		"	2.00	-0.004	90.8	75-125				
Zinc	9.86		"	0.500	9.45	82.9	75-125				
Reference (BH41988-SRM1)									Prepared: 08/29/2024 Analyzed: 08/30/2024		
Antimony	68.3	1.74	mg/kg wet	244		28.0	0-99.5				
Arsenic	255	1.04	"	283		90.0	69.9-101.4				
Beryllium	173	0.035	"	175		98.7	75.4-107.4				
Cadmium	90.6	0.208	"	95.8		94.5	72.3-103.7				
Chromium	223	0.348	"	239		93.5	72.4-106.3				
Copper	227	1.39	"	217		104	74.7-105.1				
Lead	206	0.348	"	210		98.2	75.7-109.5				
Nickel	322	0.692	"	329		97.8	74.5-106.7				
Selenium	280	1.74	"	281		99.6	77.6-116.7				
Silver	82.5	0.350	"	82.7		99.8	73.7-111.7				
Thallium	119	1.74	"	123		96.9	70.2-104.8				
Zinc	248	1.73	"	260		95.5	72.7-109.2				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41853 - EPA 3015A											
Blank (BH41853-BLK1)										Prepared: 08/28/2024 Analyzed: 08/29/2024	
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Chromium	ND	1.11	"								
Copper	ND	1.11	"								
Lead	ND	1.11	"								
Nickel	ND	1.11	"								
Selenium	ND	1.11	"								
Silver	ND	1.11	"								
Thallium	ND	1.11	"								
Zinc	ND	1.11	"								
LCS (BH41853-BS1)										Prepared: 08/28/2024 Analyzed: 08/29/2024	
Antimony	46.6		ug/L	50.0		93.2	80-120				
Arsenic	50.7		"	50.0		101	80-120				
Beryllium	55.2		"	50.0		110	80-120				
Cadmium	45.2		"	50.0		90.3	80-120				
Chromium	53.1		"	50.0		106	80-120				
Copper	53.1		"	50.0		106	80-120				
Lead	51.8		"	50.0		104	80-120				
Nickel	52.2		"	50.0		104	80-120				
Selenium	60.1		"	50.0		120	80-120				
Silver	49.5		"	50.0		99.0	80-120				
Thallium	51.6		"	50.0		103	80-120				
Zinc	67.8		"	50.0		136	80-120	High Bias			
Duplicate (BH41853-DUP1)	*Source sample: 24H1788-06 (RB_8.26.24)									Prepared: 08/28/2024 Analyzed: 08/29/2024	
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Chromium	1.59	1.11	"		1.52				4.44	20	
Copper	1.43	1.11	"		1.14				23.1	20	Non-dir.
Lead	ND	1.11	"		ND					20	
Nickel	ND	1.11	"		ND					20	
Selenium	1.93	1.11	"		ND					20	
Silver	ND	1.11	"		ND					20	
Thallium	ND	1.11	"		ND					20	
Zinc	17.9	1.11	"		8.26				73.8	20	Non-dir.

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41853 - EPA 3015A											
Matrix Spike (BH41853-MS1)	*Source sample: 24H1788-06 (RB_8.26.24)								Prepared: 08/28/2024 Analyzed: 08/29/2024		
Antimony	43.8		ug/L	50.0	-0.022	87.7	75-125				
Arsenic	52.2		"	50.0	0.117	104	75-125				
Beryllium	59.7		"	50.0	0.024	119	75-125				
Cadmium	44.9		"	50.0	0.008	89.8	75-125				
Chromium	53.5		"	50.0	1.37	104	75-125				
Copper	53.1		"	50.0	1.02	104	75-125				
Lead	51.7		"	50.0	0.077	103	75-125				
Nickel	52.8		"	50.0	0.265	105	75-125				
Selenium	55.7		"	50.0	0.238	111	75-125				
Silver	49.8		"	50.0	0.005	99.5	75-125				
Thallium	53.1		"	50.0	0.018	106	75-125				
Zinc	66.6		"	50.0	7.43	118	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41851 - EPA SW846-7470A											
Blank (BH41851-BLK1)								Prepared & Analyzed: 08/28/2024			
Mercury	ND	0.0002	mg/L								
Blank (BH41851-BLK2)								Prepared & Analyzed: 08/28/2024			
Mercury	ND	0.0002	mg/L								
LCS (BH41851-BS1)								Prepared & Analyzed: 08/28/2024			
Mercury	0.0021378	0.0002	mg/L	0.00200		107	80-120				
LCS (BH41851-BS2)								Prepared & Analyzed: 08/28/2024			
Mercury	0.0021461	0.0002	mg/L	0.00200		107	80-120				
Batch BH41881 - EPA 7473 soil											
Blank (BH41881-BLK1)								Prepared & Analyzed: 08/28/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BH41881-DUP1)	*Source sample: 24H1788-02 (SB-2 (0.5-4))							Prepared & Analyzed: 08/28/2024			
Mercury	0.153	0.0358	mg/kg dry		0.165				7.89	35	
Matrix Spike (BH41881-MS1)	*Source sample: 24H1788-02 (SB-2 (0.5-4))							Prepared & Analyzed: 08/28/2024			
Mercury	0.587		mg/kg	0.500	0.138	89.7	75-125				
Reference (BH41881-SRM1)								Prepared & Analyzed: 08/28/2024			
Mercury	17.302		mg/kg	18.2		95.1	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41972 - % Solids Prep											
Duplicate (BH41972-DUP1)	*Source sample: 24H1788-02 (SB-2 (0.5-4))								Prepared & Analyzed: 08/29/2024		
% Solids	84.1	0.100	%		83.8				0.400	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1788-01	SB-1 (12-14)	2 oz. WM Clear Glass Cool to 4° C
24H1788-02	SB-2 (0.5-4)	2 oz. WM Clear Glass Cool to 4° C
24H1788-03	SB-DUP-1	2 oz. WM Clear Glass Cool to 4° C
24H1788-04	SB-3 (14-16)	2 oz. WM Clear Glass Cool to 4° C
24H1788-05	SB-5 (17.5-20)	2 oz. WM Clear Glass Cool to 4° C
24H1788-06	RB_8.26.24	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of 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.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24H1788

Page _____ of _____

Report To:	Invoice To:
Company: HRP Associates, Inc.	Company:
Address: 1 Fairchild Sq, Suite #110 Clifton Park NY 12065	Address: →
Phone.: 518 877 7101	Phone.: →
Contact: Elliott Jackson	Contact: Cassy George
E-mail: elliott.jackson@hrpassociates.com	E-mail: cassy.george@hrpassociates.com

YOUR Project Name / Number: Remington Arms/HERI510.P2

PO Number:

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.

Elliott Jackson Elliott Jackson

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:	TCL VOCs	TCL SVOCs	PP metals	PLBs	Grab or Comp.
SB-1 (12-14)	8/26/24	0930	S	2										X	X	X	X	G/C
SB-2 (0.5-4)*	↓	1005	S	6										X	X	X	X	G/C
SB-DUP-1	↓		S	2										X	X	X	X	G/C
SB-3 (14-16)	↓	1330	S	2										X	X	X	X	G/C
SB-5 (17.5-20)	↓	1440	S	2										X	X	X	X	G/C
RB-8.26.24	8/26/24	1445	GW	4	3		1							6	X	X	X	G/C

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

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) NYSDEC Part 375 SCOs

Field Filtered

Lab Filtered

Comments: *run for MS/MSD (triplicate volume)
send copy to Ted.Wall@hrpassociates.com

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

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

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

1. Samples Relinquished by / Company: Elliott Jackson	Date/Time: 8/27 9:25	1. Samples Received by / Company: Chris C	Date/Time: 8-27-24 9:25
Samples Received by / Company:	Date/Time:	3. Samples Relinquished by / Company:	Date/Time:
Samples Relinquished by / Company:	Date/Time:	4. Samples Received by / Company:	Date/Time:

2. Samples Relinquished by / Company: Chris C	Date/Time: 8-27-24 14:40
3. Samples Received by / Company:	Date/Time:
Samples Received in LAB by: NCC	Date/Time: 8/27/24 14:40

Temperature: 3.0 Degrees C

APPENDIX E
Groundwater Laboratory Analytical Reports

Technical Report

prepared for:

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

Report Date: 10/14/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I1810

Report Date: 10/14/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I1810

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 30, 2024 and listed below. The project was identified as your project: **Remington Arms/HER1510.P2**.

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
24I1810-01	MW-1	Ground Water	09/26/2024	09/30/2024
24I1810-02	DUP-1	Ground Water	09/26/2024	09/30/2024
24I1810-03	MW-2	Ground Water	09/26/2024	09/30/2024
24I1810-04	MW-3	Ground Water	09/26/2024	09/30/2024
24I1810-05	MW-5	Ground Water	09/26/2024	09/30/2024
24I1810-06	Rinsate Blank 1	Water	09/26/2024	09/30/2024
24I1810-07	MW-4	Ground Water	09/27/2024	09/30/2024
24I1810-08	MW-6	Ground Water	09/27/2024	09/30/2024
24I1810-09	MW-8	Ground Water	09/27/2024	09/30/2024
24I1810-10	Rinsate Blank 2	Water	09/27/2024	09/30/2024

General Notes for York Project (SDG) No.: 24I1810

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

Approved By: 

Date: 10/14/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24I1810-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 10:30 am	09/30/2024

Analyzed by: ALS-Rochester

Metals, Priority Pollutant-Low Level

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
See attached	See attached	See attached		See attached		1	See attached Certifications:	09/26/2024 10:30		

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 05:20	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 05:20	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 05:20	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 05:20	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 05:20	FO
75-34-3	1,1-Dichloroethane	ND	QL-02	ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 05:20	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 05:20	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/02/2024 05:20	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/02/2024 05:20	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/02/2024 05:20	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 05:20	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 05:20	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 05:20	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 05:20	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 05:20	FO

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24I1810-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 10:30 am	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**1.12**		ug/L	0.421	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**5.91**	ICVE, QL-02	ug/L	1.34	2.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND	QL-02	ug/L	0.243	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24I1810-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 10:30 am	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND	QL-02	ug/L	0.294	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.890**		ug/L	0.444	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	**tert-Butyl alcohol (TBA)**	**0.860**		ug/L	0.608	1.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24I1810-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 10:30 am	09/30/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/01/2024 01:00	10/02/2024 05:20	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

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

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24I1810-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 10:30 am	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24I1810-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 10:30 am	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **MW-1**

York Sample ID: **24I1810-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 10:30 am	09/30/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.0 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*24.0 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.9 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*87.7 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*152 %*	S-08		*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*99.6 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**2.14**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.700**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	**Anthracene**	**0.460**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.0500**	B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**1.81**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24I1810-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 10:30 am	09/30/2024

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
91-20-3	**Naphthalene**	**0.300**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	**Phenanthrene**	**0.0800**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	**Pyrene**	**0.0800**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 18:38	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

PCB, 8082 MASTER

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	10/03/2024 08:16	10/04/2024 01:45	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:45	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:45	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:45	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:45	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:45	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:45	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:45	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.5 %*	*30-120*

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24I1810-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 10:30 am	09/30/2024

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	10/01/2024 08:35	10/01/2024 08:35	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP-1 **York Sample ID:** 24I1810-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 12:01 am	09/30/2024

Analyzed by: ALS-Rochester

Metals, Priority Pollutant-Low Level

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
See attached	See attached	See attached		See attached		1	See attached Certifications:	09/26/2024 00:01		

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 02:59	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 02:59	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 02:59	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 02:59	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 02:59	FO
75-34-3	1,1-Dichloroethane	ND	QL-02	ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 02:59	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 02:59	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/02/2024 02:59	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/02/2024 02:59	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/02/2024 02:59	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 02:59	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 02:59	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 02:59	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 02:59	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 02:59	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 02:59	FO

Sample Information

Client Sample ID: DUP-1 **York Sample ID:** 24I1810-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 12:01 am	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**1.42**		ug/L	0.421	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**6.87**	ICVE, QL-02	ug/L	1.34	2.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND	QL-02	ug/L	0.243	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND	QL-02	ug/L	0.294	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP-1 **York Sample ID:** 24I1810-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 12:01 am	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.910**		ug/L	0.444	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	**tert-Butyl alcohol (TBA)**	**0.920**		ug/L	0.608	1.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP-1 **York Sample ID:** 24I1810-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 12:01 am	09/30/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:59	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

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

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP-1 **York Sample ID:** 24I1810-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 12:01 am	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP-1 **York Sample ID:** 24I1810-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 12:01 am	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.3 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.8 %*	*10.1-41.7*

Sample Information

Client Sample ID: DUP-1 **York Sample ID:** 24I1810-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 12:01 am	09/30/2024

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.2 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.5 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*127 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.2 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**2.30**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
208-96-8	**Acenaphthylene**	**1.01**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
120-12-7	**Anthracene**	**0.500**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
206-44-0	**Fluoranthene**	**0.0500**	B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
86-73-7	**Fluorene**	**1.94**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			

Sample Information

Client Sample ID: DUP-1 **York Sample ID:** 24I1810-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 12:01 am	09/30/2024

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.350**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	**Phenanthrene**	**0.0800**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.120**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

PCB, 8082 MASTER

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	10/03/2024 08:16	10/04/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:59	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.5 %*	*30-120*

Mercury by 7470/7471

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

Sample Information

Client Sample ID: DUP-1 **York Sample ID:** 24I1810-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 12:01 am	09/30/2024

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	10/01/2024 08:35	10/01/2024 08:35	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24I1810-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 1:15 pm	09/30/2024

Analyzed by: ALS-Rochester

Metals, Priority Pollutant-Low Level

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
See attached	See attached	See attached		See attached		1	See attached Certifications:	09/26/2024 13:15		

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:27	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:27	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:27	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:27	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:27	FO
75-34-3	1,1-Dichloroethane	ND	QL-02	ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:27	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:27	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/02/2024 03:27	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/02/2024 03:27	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/02/2024 03:27	FO
95-63-6	**1,2,4-Trimethylbenzene**	**1.16**		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:27	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:27	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:27	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:27	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:27	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:27	FO

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24I1810-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 1:15 pm	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	**1,3,5-Trimethylbenzene**	**0.700**		ug/L	0.347	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**3.14**	ICVE, QL-02	ug/L	1.34	2.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**3.23**		ug/L	0.362	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND	QL-02	ug/L	0.243	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	**cis-1,2-Dichloroethylene**	**0.330**	QL-02	ug/L	0.294	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24I1810-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 1:15 pm	09/30/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**0.480**		ug/L	0.290	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**54.3**		ug/L	0.405	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**1.05**		ug/L	0.477	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**7.12**		ug/L	0.399	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**142**		ug/L	3.84	5.00	10	EPA 8260D	10/01/2024 08:00	10/02/2024 15:38	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	**o-Xylene**	**1.12**		ug/L	0.261	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**12.9**		ug/L	0.444	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	**tert-Butyl alcohol (TBA)**	**1.11**		ug/L	0.608	1.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**2.13**		ug/L	0.367	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.310**	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24I1810-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 1:15 pm	09/30/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**3.99**		ug/L	0.346	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	**Xylenes, Total**	**1.62**		ug/L	0.839	1.50	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:27	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

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

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	CCVE	ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24I1810-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 1:15 pm	09/30/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND	CCVE	ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	5.62	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	ICVE	ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	ug/L	5.62	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24I1810-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 1:15 pm	09/30/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E, QL-02	ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.12	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.62	11.2	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.843	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.81	5.62	1	EPA 8270D	10/02/2024 08:29	10/03/2024 14:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	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*	*15.9 %*	*10.1-41.7*

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24I1810-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 1:15 pm	09/30/2024

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.3 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.8 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*104 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.2 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**2.44**	ICVE	ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
208-96-8	**Acenaphthylene**	**0.607**	ICVE	ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
120-12-7	**Anthracene**	**0.360**	ICVE	ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
1912-24-9	Atrazine	ND		ug/L	0.562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
206-44-0	**Fluoranthene**	**0.0674**	ICVE	ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
86-73-7	**Fluorene**	**3.18**	ICVE	ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0225	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24I1810-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 1:15 pm	09/30/2024

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**1.03**	ICVE	ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.281	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.281	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	**Phenanthrene**	**1.10**	ICVE	ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0787**	ICVE	ug/L	0.0562	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	10/01/2024 08:35	10/01/2024 08:35	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24I1810-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 11:00 am	09/30/2024

Analyzed by: ALS-Rochester

Metals, Priority Pollutant-Low Level

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
See attached	See attached	See attached		See attached		1	See attached Certifications:	09/26/2024 11:00		

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:55	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:55	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:55	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:55	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:55	FO
75-34-3	1,1-Dichloroethane	ND	QL-02	ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:55	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:55	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/02/2024 03:55	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/02/2024 03:55	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/02/2024 03:55	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:55	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:55	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:55	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:55	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:55	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 03:55	FO

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24I1810-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 11:00 am	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**1.63**		ug/L	1.34	2.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND	QL-02	ug/L	0.243	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND	QL-02	ug/L	0.294	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24I1810-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 11:00 am	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24I1810-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 11:00 am	09/30/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**2.63**		ug/L	0.249	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/01/2024 01:00	10/02/2024 03:55	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

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

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	CCVE	ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24I1810-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 11:00 am	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND	CCVE	ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	5.26	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	ICVE	ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	ug/L	5.26	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24I1810-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 11:00 am	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E, QL-02	ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.26	10.5	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.789	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:18	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.8 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*12.5 %*	*10.1-41.7*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24I1810-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 11:00 am	09/30/2024

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*93.5 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.2 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*130 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.2 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24I1810-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 11:00 am	09/30/2024

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.263	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.263	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM	10/02/2024 08:29	10/08/2024 09:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	10/01/2024 08:35	10/01/2024 08:35	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24I1810-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 2:00 pm	09/30/2024

Analyzed by: ALS-Rochester

Metals, Priority Pollutant-Low Level

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
See attached	See attached	See attached		See attached		1	See attached Certifications:	09/26/2024 14:00		

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND	QL-02	ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00	10/02/2024 04:23	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24I1810-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 2:00 pm	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**0.300**	QL-02	ug/L	0.243	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND	QL-02	ug/L	0.294	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24I1810-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 2:00 pm	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.830**	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24I1810-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 2:00 pm	09/30/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**1.48**		ug/L	0.249	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:23	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	CCVE	ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24I1810-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 2:00 pm	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND	CCVE	ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	5.43	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	ICVE	ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	ug/L	5.43	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24I1810-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 2:00 pm	09/30/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.09	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.43	10.9	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.815	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.72	5.43	1	EPA 8270D	10/02/2024 08:29	10/03/2024 15:52	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*45.5 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*16.3 %*	*10.1-41.7*

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24I1810-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 2:00 pm	09/30/2024

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*123 %*	S-08		*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*94.8 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*163 %*	S-08		*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*119 %*	S-08		*30.7-106*						

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND	ICVE	ug/L	0.0217	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24I1810-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 26, 2024 2:00 pm	09/30/2024

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.272	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.272	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0543	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:20	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	10/01/2024 08:35	10/01/2024 08:35	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Rinsate Blank 1** **York Sample ID:** **24I1810-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 26, 2024 1:30 pm	09/30/2024

Analyzed by: ALS-Rochester

Metals, Priority Pollutant-Low Level

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
See attached	See attached	See attached		See attached		1	See attached Certifications:	09/26/2024 13:30		

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 04:52	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 04:52	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 04:52	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 04:52	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 04:52	FO
75-34-3	1,1-Dichloroethane	ND	QL-02	ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 04:52	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 04:52	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/02/2024 04:52	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/02/2024 04:52	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/02/2024 04:52	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 04:52	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 04:52	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 04:52	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 04:52	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 04:52	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/01/2024 01:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/02/2024 04:52	FO

Sample Information

Client Sample ID: **Rinsate Blank 1** **York Sample ID:** **24I1810-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 26, 2024 1:30 pm	09/30/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.34**		ug/L	0.245	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**15.6**	QL-02	ug/L	0.243	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND	QL-02	ug/L	0.294	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Rinsate Blank 1** **York Sample ID:** **24I1810-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 26, 2024 1:30 pm	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Rinsate Blank 1** **York Sample ID:** **24I1810-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 26, 2024 1:30 pm	09/30/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/01/2024 01:00	10/02/2024 04:52	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.4 %*	*79-122*

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	CCVE	ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Rinsate Blank 1** **York Sample ID:** **24I1810-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 26, 2024 1:30 pm	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND	CCVE	ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	5.10	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	ICVE	ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	ug/L	5.10	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Rinsate Blank 1** **York Sample ID:** **24I1810-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 26, 2024 1:30 pm	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.02	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.10	10.2	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.765	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.55	5.10	1	EPA 8270D	10/02/2024 08:29	10/03/2024 16:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.2 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*13.1 %*	*10.1-41.7*

Sample Information

Client Sample ID: **Rinsate Blank 1** **York Sample ID:** **24I1810-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 26, 2024 1:30 pm	09/30/2024

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*104 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.2 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*139 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*97.6 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND	ICVE	ug/L	0.0204	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: **Rinsate Blank 1** **York Sample ID:** **24I1810-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 26, 2024 1:30 pm	09/30/2024

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.255	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.255	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0510	1	EPA 8270D SIM	10/02/2024 08:29	10/04/2024 09:50	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

PCB, 8082 MASTER

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	10/03/2024 08:16	10/04/2024 02:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 02:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 02:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 02:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 02:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 02:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 02:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 02:13	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.5 %*	*30-120*

Mercury by 7470/7471

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

Sample Information

Client Sample ID: **Rinsate Blank 1** **York Sample ID:** **24I1810-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 26, 2024 1:30 pm	09/30/2024

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	10/01/2024 08:35	10/01/2024 08:35	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24I1810-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 12:10 pm	09/30/2024

Analyzed by: ALS-Rochester

Metals, Priority Pollutant-Low Level

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
See attached	See attached	See attached		See attached		1	See attached Certifications:	09/27/2024 12:10		

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 16:47	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 16:47	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 16:47	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 16:47	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 16:47	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 16:47	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 16:47	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 16:47	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 16:47	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 16:47	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	**1,2,4-Trimethylbenzene**	**110**		ug/L	15.5	25.0	50	EPA 8260D Certifications:	10/04/2024 08:00	10/04/2024 14:07	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 16:47	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 16:47	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 16:47	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 16:47	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 16:47	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **24I1810-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 12:10 pm	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**2.23**	ICVE	ug/L	1.34	2.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	**cis-1,2-Dichloroethylene**	**0.430**		ug/L	0.294	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24I1810-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 12:10 pm	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**49.9**		ug/L	0.491	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**1.81**		ug/L	0.290	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**23.8**		ug/L	0.405	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**29.4**		ug/L	0.477	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**13.7**		ug/L	0.399	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**65.8**		ug/L	0.384	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	**o-Xylene**	**0.540**		ug/L	0.261	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	**p- & m- Xylenes**	**1.79**		ug/L	0.578	1.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	**p-Isopropyltoluene**	**7.04**		ug/L	0.377	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**22.6**		ug/L	0.444	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**0.470**		ug/L	0.367	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24I1810-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 12:10 pm	09/30/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**0.250**	ICVE, QL-02, CCVE	ug/L	0.239	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	**Xylenes, Total**	**2.33**		ug/L	0.839	1.50	1	EPA 8260D	10/03/2024 08:00	10/03/2024 16:47	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*79.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24I1810-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 12:10 pm	09/30/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24I1810-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 12:10 pm	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 11:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24I1810-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 12:10 pm	09/30/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.3 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.7 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.5 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.4 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*124 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.1 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.190**		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.130**	B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	**Anthracene**	**0.0500**	B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.300**	B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24I1810-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 12:10 pm	09/30/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.550**	B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	**Phenanthrene**	**0.0900**	B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
3855-82-1	*** ISTD: 1,4-Dichlorobenzene-d4**	**4.00**		ug/mL		1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:			
1146-65-2	*** ISTD: Naphthalene-d8**	**4.00**		ug/mL		1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:			
15067-26-2	*** ISTD: Acenaphthene-d10**	**4.00**		ug/mL		1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:			
1517-22-2	*** ISTD: Phenanthrene-d10**	**4.00**		ug/mL		1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:			
1719-03-5	*** ISTD: Chrysene-d12**	**4.00**		ug/mL		1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:			
1520-96-3	*** ISTD: Perylene-d12**	**4.00**		ug/mL		1	EPA 8270D SIM	10/03/2024 08:43	10/04/2024 11:33	LL
							Certifications:			

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	10/01/2024 08:35	10/01/2024 08:35	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24I1810-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 10:20 am	09/30/2024

Analyzed by: ALS-Rochester

Metals, Priority Pollutant-Low Level

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
See attached	See attached	See attached		See attached		1	See attached Certifications:	09/27/2024 10:20		

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	**1,2,4-Trimethylbenzene**	**1.18**		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:13	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **24I1810-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 10:20 am	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**2.29**	ICVE	ug/L	1.34	2.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	**cis-1,2-Dichloroethylene**	**0.580**		ug/L	0.294	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24I1810-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 10:20 am	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	**p- & m- Xylenes**	**0.640**		ug/L	0.578	1.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24I1810-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 10:20 am	09/30/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:13	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.2 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24I1810-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 10:20 am	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24I1810-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 10:20 am	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24I1810-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 10:20 am	09/30/2024

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.9 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*22.2 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*84.3 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*86.4 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*124 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.1 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	10/09/2024 08:30	10/09/2024 16:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	10/09/2024 08:30	10/09/2024 16:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	10/09/2024 08:30	10/09/2024 16:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	10/09/2024 08:30	10/09/2024 16:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-PR	ug/L	0.500	1	EPA 8270D SIM	10/09/2024 08:30	10/09/2024 16:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.0900**	B, ICVE	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24I1810-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 10:20 am	09/30/2024

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
91-20-3	Naphthalene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	10/09/2024 08:30	10/09/2024 16:37	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
98-95-3	Nitrobenzene	ND	ICVE, CCVE	ug/L	0.250	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	**Phenanthrene**	**0.0500**	B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	**Pyrene**	**0.0600**	B, ICVE	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:10	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

PCB, 8082 MASTER

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	10/03/2024 08:16	10/04/2024 02:26	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 02:26	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 02:26	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 02:26	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 02:26	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 02:26	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 02:26	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 02:26	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.0 %*	*30-120*

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **24I1810-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 10:20 am	09/30/2024

Mercury by 7470/7471 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0003**		mg/L	0.0002	1	EPA 7470	10/01/2024 08:35	10/01/2024 08:35	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24I1810-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 11:10 am	09/30/2024

Analyzed by: ALS-Rochester

Metals, Priority Pollutant-Low Level

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
See attached	See attached	See attached		See attached		1	See attached Certifications:	09/27/2024 11:10		

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	**1,2,4-Trimethylbenzene**	**0.560**		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 17:40	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24I1810-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 11:10 am	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24I1810-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 11:10 am	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24I1810-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 11:10 am	09/30/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02, CCVE	ug/L	0.239	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/03/2024 08:00	10/03/2024 17:40	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24I1810-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 11:10 am	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24I1810-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 11:10 am	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 12:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24I1810-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 11:10 am	09/30/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.4 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*20.5 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*95.6 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*99.2 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*139 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*99.9 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	10/09/2024 08:30	10/09/2024 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	10/09/2024 08:30	10/09/2024 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-PR	ug/L	0.500	1	EPA 8270D SIM	10/09/2024 08:30	10/09/2024 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24I1810-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Ground Water	September 27, 2024 11:10 am	09/30/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	10/09/2024 08:30	10/09/2024 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 10:40	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	10/01/2024 08:35	10/01/2024 08:35	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Rinsate Blank 2** **York Sample ID:** **24I1810-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 27, 2024 12:30 pm	09/30/2024

Analyzed by: ALS-Rochester

Metals, Priority Pollutant-Low Level

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
See attached	See attached	See attached		See attached		1	See attached Certifications:	09/27/2024 12:30		

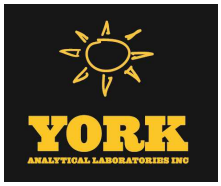
VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	**1,2,4-Trimethylbenzene**	**0.330**		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/03/2024 08:00	10/03/2024 18:06	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT



Sample Information

Client Sample ID: **Rinsate Blank 2** **York Sample ID:** **24I1810-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 27, 2024 12:30 pm	09/30/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.62**		ug/L	0.245	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**16.4**		ug/L	0.243	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Rinsate Blank 2** **York Sample ID:** **24I1810-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 27, 2024 12:30 pm	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Rinsate Blank 2** **York Sample ID:** **24I1810-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 27, 2024 12:30 pm	09/30/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/03/2024 08:00	10/03/2024 18:06	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*79-122*

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Rinsate Blank 2** **York Sample ID:** **24I1810-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 27, 2024 12:30 pm	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: **Rinsate Blank 2** **York Sample ID:** **24I1810-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 27, 2024 12:30 pm	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **Rinsate Blank 2** **York Sample ID:** **24I1810-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 27, 2024 12:30 pm	09/30/2024

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.2 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*22.7 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*98.3 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*100 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*161 %*	S-08		*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*110 %*	S-08		*30.7-106*						

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: **Rinsate Blank 2** **York Sample ID:** **24I1810-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 27, 2024 12:30 pm	09/30/2024

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
91-20-3	Naphthalene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	10/09/2024 08:30	10/09/2024 17:37	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/08/2024 11:10	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

PCB, 8082 MASTER

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	10/03/2024 08:16	10/04/2024 03:07	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 03:07	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 03:07	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 03:07	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 03:07	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 03:07	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 03:07	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 03:07	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.0 %*	*30-120*

Sample Information

Client Sample ID: **Rinsate Blank 2** **York Sample ID:** **24I1810-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1810	Remington Arms/HER1510.P2	Water	September 27, 2024 12:30 pm	09/30/2024

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	10/01/2024 08:35	10/01/2024 08:35	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Analytical Batch Summary

Batch ID: BJ40018 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24I1810-01	MW-1	10/01/24
24I1810-02	DUP-1	10/01/24
24I1810-03	MW-2	10/01/24
24I1810-04	MW-3	10/01/24
24I1810-05	MW-5	10/01/24
24I1810-06	Rinsate Blank 1	10/01/24
24I1810-07	MW-4	10/01/24
24I1810-08	MW-6	10/01/24
24I1810-09	MW-8	10/01/24
24I1810-10	Rinsate Blank 2	10/01/24
BJ40018-BLK1	Blank	10/01/24
BJ40018-BS1	LCS	10/01/24
BJ40018-DUP1	Duplicate	10/01/24
BJ40018-MS1	Matrix Spike	10/01/24
BJ40018-MSD1	Matrix Spike Dup	10/01/24

Batch ID: BJ40053 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24I1810-01	MW-1	10/01/24
24I1810-02	DUP-1	10/01/24
24I1810-03	MW-2	10/01/24
24I1810-04	MW-3	10/01/24
24I1810-05	MW-5	10/01/24
24I1810-06	Rinsate Blank 1	10/01/24
BJ40053-BLK1	Blank	10/01/24
BJ40053-BS1	LCS	10/01/24
BJ40053-BSD1	LCS Dup	10/01/24
BJ40053-MS1	Matrix Spike	10/01/24
BJ40053-MSD1	Matrix Spike Dup	10/01/24

Batch ID: BJ40107 **Preparation Method:** EPA 3510C **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
24I1810-03	MW-2	10/02/24
24I1810-04	MW-3	10/02/24
24I1810-05	MW-5	10/02/24
24I1810-06	Rinsate Blank 1	10/02/24
BJ40107-BLK1	Blank	10/02/24
BJ40107-BLK2	Blank	10/02/24
BJ40107-BS1	LCS	10/02/24
BJ40107-BS2	LCS	10/02/24

Batch ID: BJ40109 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24I1810-01	MW-1	10/02/24
24I1810-02	DUP-1	10/02/24
24I1810-03	MW-2	10/02/24

Batch ID: BJ40118 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24I1810-03RE1	MW-2	10/01/24
BJ40118-BLK1	Blank	10/02/24
BJ40118-BS1	LCS	10/02/24

Batch ID: BJ40119 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24I1810-07	MW-4	10/03/24
24I1810-08	MW-6	10/03/24
24I1810-09	MW-8	10/03/24
24I1810-10	Rinsate Blank 2	10/03/24
BJ40119-BLK1	Blank	10/03/24
BJ40119-BS1	LCS	10/03/24
BJ40119-BSD1	LCS Dup	10/03/24

Batch ID: BJ40200 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I1810-01	MW-1	10/03/24
24I1810-02	DUP-1	10/03/24
24I1810-06	Rinsate Blank 1	10/03/24
24I1810-08	MW-6	10/03/24
24I1810-10	Rinsate Blank 2	10/03/24
BJ40200-BLK2	Blank	10/03/24
BJ40200-BS2	LCS	10/03/24
BJ40200-MS2	Matrix Spike	10/03/24
BJ40200-MSD2	Matrix Spike Dup	10/03/24

Batch ID: BJ40208 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24I1810-04	MW-3	10/03/24
24I1810-05	MW-5	10/03/24
24I1810-06	Rinsate Blank 1	10/03/24
24I1810-07	MW-4	10/03/24
24I1810-08	MW-6	10/03/24
24I1810-09	MW-8	10/03/24
24I1810-10	Rinsate Blank 2	10/03/24

Batch ID: BJ40212 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I1810-01	MW-1	10/03/24
24I1810-02	DUP-1	10/03/24
24I1810-07	MW-4	10/03/24
24I1810-08	MW-6	10/03/24
24I1810-09	MW-8	10/03/24
24I1810-10	Rinsate Blank 2	10/03/24
BJ40212-BLK1	Blank	10/03/24
BJ40212-BLK2	Blank	10/03/24
BJ40212-BS1	LCS	10/03/24
BJ40212-BS2	LCS	10/03/24

Batch ID: BJ40320 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24I1810-07RE1	MW-4	10/04/24
BJ40320-BLK1	Blank	10/04/24
BJ40320-BS1	LCS	10/04/24

Batch ID: BJ40566 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I1810-01RE1	MW-1	10/03/24
24I1810-01RE1	MW-1	10/09/24
24I1810-02RE1	DUP-1	10/09/24
24I1810-02RE1	DUP-1	10/03/24
24I1810-07RE1	MW-4	10/09/24
24I1810-07RE1	MW-4	10/03/24
24I1810-08RE1	MW-6	10/09/24
24I1810-08RE1	MW-6	10/03/24
24I1810-09RE1	MW-8	10/09/24
24I1810-09RE1	MW-8	10/03/24
24I1810-10RE1	Rinsate Blank 2	10/03/24
24I1810-10RE1	Rinsate Blank 2	10/09/24
BJ40566-BLK2	Blank	10/09/24
BJ40566-BS2	LCS	10/09/24

Batch ID: See attached **Preparation Method:** EPA 3015A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
24I1810-01	MW-1	09/26/24
24I1810-02	DUP-1	09/26/24
24I1810-03	MW-2	09/26/24
24I1810-04	MW-3	09/26/24
24I1810-05	MW-5	09/26/24
24I1810-06	Rinsate Blank 1	09/26/24

24I1810-07	MW-4	09/27/24
24I1810-08	MW-6	09/27/24
24I1810-09	MW-8	09/27/24
24I1810-10	Rinsate Blank 2	09/27/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40053 - EPA 5030B											
Blank (BJ40053-BLK1)											Prepared & Analyzed: 10/01/2024
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	3.04	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40053 - EPA 5030B											
Blank (BJ40053-BLK1)								Prepared & Analyzed: 10/01/2024			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
LCS (BJ40053-BS1)								Prepared & Analyzed: 10/01/2024			
1,1,1,2-Tetrachloroethane	8.87		ug/L	10.0		88.7	82-126				
1,1,1-Trichloroethane	8.27		"	10.0		82.7	78-136				
1,1,2,2-Tetrachloroethane	9.54		"	10.0		95.4	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.00		"	10.0		80.0	54-165				
1,1,2-Trichloroethane	8.90		"	10.0		89.0	82-123				
1,1-Dichloroethane	8.08		"	10.0		80.8	82-129	Low Bias			
1,1-Dichloroethylene	8.44		"	10.0		84.4	68-138				
1,2,3-Trichlorobenzene	8.09		"	10.0		80.9	76-136				
1,2,3-Trichloropropane	9.01		"	10.0		90.1	77-128				
1,2,4-Trichlorobenzene	8.41		"	10.0		84.1	76-137				
1,2,4-Trimethylbenzene	8.86		"	10.0		88.6	82-132				
1,2-Dibromo-3-chloropropane	8.84		"	10.0		88.4	45-147				
1,2-Dibromoethane	8.87		"	10.0		88.7	83-124				
1,2-Dichlorobenzene	8.85		"	10.0		88.5	79-123				
1,2-Dichloroethane	8.29		"	10.0		82.9	73-132				
1,2-Dichloropropane	8.65		"	10.0		86.5	78-126				
1,3,5-Trimethylbenzene	8.66		"	10.0		86.6	80-131				
1,3-Dichlorobenzene	8.61		"	10.0		86.1	86-122				
1,4-Dichlorobenzene	8.62		"	10.0		86.2	85-124				
1,4-Dioxane	195		"	210		93.0	10-349				
2-Butanone	8.51		"	10.0		85.1	49-152				
2-Hexanone	7.87		"	10.0		78.7	51-146				
4-Methyl-2-pentanone	8.26		"	10.0		82.6	57-145				
Acetone	21.3		"	10.0		213	14-150	High Bias			
Acrolein	10.5		"	10.0		105	10-153				
Acrylonitrile	8.80		"	10.0		88.0	51-150				
Benzene	8.64		"	10.0		86.4	85-126				
Bromochloromethane	8.21		"	10.0		82.1	77-128				
Bromodichloromethane	8.69		"	10.0		86.9	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40053 - EPA 5030B											
LCS (BJ40053-BS1)								Prepared & Analyzed: 10/01/2024			
Bromoform	9.20		ug/L	10.0		92.0	78-133				
Bromomethane	11.3		"	10.0		113	43-168				
Carbon disulfide	9.60		"	10.0		96.0	68-146				
Carbon tetrachloride	8.59		"	10.0		85.9	77-141				
Chlorobenzene	8.69		"	10.0		86.9	88-120	Low Bias			
Chloroethane	9.39		"	10.0		93.9	65-136				
Chloroform	8.17		"	10.0		81.7	82-128	Low Bias			
Chloromethane	9.30		"	10.0		93.0	43-155				
cis-1,2-Dichloroethylene	8.06		"	10.0		80.6	83-129	Low Bias			
cis-1,3-Dichloropropylene	8.44		"	10.0		84.4	80-131				
Cyclohexane	8.73		"	10.0		87.3	63-149				
Dibromochloromethane	9.07		"	10.0		90.7	80-130				
Dibromomethane	8.68		"	10.0		86.8	72-134				
Dichlorodifluoromethane	12.9		"	10.0		129	44-144				
Ethyl Benzene	8.84		"	10.0		88.4	80-131				
Hexachlorobutadiene	7.44		"	10.0		74.4	67-146				
Isopropylbenzene	8.76		"	10.0		87.6	76-140				
Methyl acetate	7.31		"	10.0		73.1	51-139				
Methyl tert-butyl ether (MTBE)	7.89		"	10.0		78.9	76-135				
Methylcyclohexane	7.79		"	10.0		77.9	72-143				
Methylene chloride	11.9		"	10.0		119	55-137				
n-Butylbenzene	7.97		"	10.0		79.7	79-132				
n-Propylbenzene	9.11		"	10.0		91.1	78-133				
o-Xylene	8.56		"	10.0		85.6	78-130				
p- & m- Xylenes	18.0		"	20.0		90.0	77-133				
p-Isopropyltoluene	8.40		"	10.0		84.0	81-136				
sec-Butylbenzene	8.26		"	10.0		82.6	79-137				
Styrene	8.87		"	10.0		88.7	67-132				
tert-Butyl alcohol (TBA)	48.4		"	50.0		96.8	25-162				
tert-Butylbenzene	8.38		"	10.0		83.8	77-138				
Tetrachloroethylene	4.44		"	10.0		44.4	82-131	Low Bias			
Toluene	8.86		"	10.0		88.6	80-127				
trans-1,2-Dichloroethylene	8.21		"	10.0		82.1	80-132				
trans-1,3-Dichloropropylene	8.61		"	10.0		86.1	78-131				
Trichloroethylene	9.83		"	10.0		98.3	82-128				
Trichlorofluoromethane	9.46		"	10.0		94.6	67-139				
Vinyl Chloride	8.65		"	10.0		86.5	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.83*		*"*	*10.0*		*98.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40053 - EPA 5030B											
LCS Dup (BJ40053-BSD1)								Prepared & Analyzed: 10/01/2024			
1,1,1,2-Tetrachloroethane	9.14		ug/L	10.0		91.4	82-126		3.00	30	
1,1,1-Trichloroethane	8.30		"	10.0		83.0	78-136		0.362	30	
1,1,2,2-Tetrachloroethane	9.94		"	10.0		99.4	76-129		4.11	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.98		"	10.0		79.8	54-165		0.250	30	
1,1,2-Trichloroethane	9.09		"	10.0		90.9	82-123		2.11	30	
1,1-Dichloroethane	8.18		"	10.0		81.8	82-129	Low Bias	1.23	30	
1,1-Dichloroethylene	8.43		"	10.0		84.3	68-138		0.119	30	
1,2,3-Trichlorobenzene	8.48		"	10.0		84.8	76-136		4.71	30	
1,2,3-Trichloropropane	9.16		"	10.0		91.6	77-128		1.65	30	
1,2,4-Trichlorobenzene	8.65		"	10.0		86.5	76-137		2.81	30	
1,2,4-Trimethylbenzene	9.09		"	10.0		90.9	82-132		2.56	30	
1,2-Dibromo-3-chloropropane	9.13		"	10.0		91.3	45-147		3.23	30	
1,2-Dibromoethane	9.14		"	10.0		91.4	83-124		3.00	30	
1,2-Dichlorobenzene	9.10		"	10.0		91.0	79-123		2.79	30	
1,2-Dichloroethane	8.42		"	10.0		84.2	73-132		1.56	30	
1,2-Dichloropropane	8.86		"	10.0		88.6	78-126		2.40	30	
1,3,5-Trimethylbenzene	8.86		"	10.0		88.6	80-131		2.28	30	
1,3-Dichlorobenzene	8.89		"	10.0		88.9	86-122		3.20	30	
1,4-Dichlorobenzene	8.89		"	10.0		88.9	85-124		3.08	30	
1,4-Dioxane	201		"	210		95.9	10-349		3.04	30	
2-Butanone	8.56		"	10.0		85.6	49-152		0.586	30	
2-Hexanone	8.04		"	10.0		80.4	51-146		2.14	30	
4-Methyl-2-pentanone	8.50		"	10.0		85.0	57-145		2.86	30	
Acetone	21.5		"	10.0		215	14-150	High Bias	1.03	30	
Acrolein	10.6		"	10.0		106	10-153		1.33	30	
Acrylonitrile	8.87		"	10.0		88.7	51-150		0.792	30	
Benzene	8.72		"	10.0		87.2	85-126		0.922	30	
Bromochloromethane	8.35		"	10.0		83.5	77-128		1.69	30	
Bromodichloromethane	8.97		"	10.0		89.7	79-128		3.17	30	
Bromoform	9.47		"	10.0		94.7	78-133		2.89	30	
Bromomethane	13.1		"	10.0		131	43-168		14.4	30	
Carbon disulfide	9.59		"	10.0		95.9	68-146		0.104	30	
Carbon tetrachloride	8.64		"	10.0		86.4	77-141		0.580	30	
Chlorobenzene	8.88		"	10.0		88.8	88-120		2.16	30	
Chloroethane	9.43		"	10.0		94.3	65-136		0.425	30	
Chloroform	8.31		"	10.0		83.1	82-128		1.70	30	
Chloromethane	9.27		"	10.0		92.7	43-155		0.323	30	
cis-1,2-Dichloroethylene	8.14		"	10.0		81.4	83-129	Low Bias	0.988	30	
cis-1,3-Dichloropropylene	8.66		"	10.0		86.6	80-131		2.57	30	
Cyclohexane	8.65		"	10.0		86.5	63-149		0.921	30	
Dibromochloromethane	9.28		"	10.0		92.8	80-130		2.29	30	
Dibromomethane	8.82		"	10.0		88.2	72-134		1.60	30	
Dichlorodifluoromethane	13.0		"	10.0		130	44-144		0.772	30	
Ethyl Benzene	8.99		"	10.0		89.9	80-131		1.68	30	
Hexachlorobutadiene	7.70		"	10.0		77.0	67-146		3.43	30	
Isopropylbenzene	8.91		"	10.0		89.1	76-140		1.70	30	
Methyl acetate	7.45		"	10.0		74.5	51-139		1.90	30	
Methyl tert-butyl ether (MTBE)	7.98		"	10.0		79.8	76-135		1.13	30	
Methylcyclohexane	7.85		"	10.0		78.5	72-143		0.767	30	
Methylene chloride	12.0		"	10.0		120	55-137		0.669	30	
n-Butylbenzene	8.17		"	10.0		81.7	79-132		2.48	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

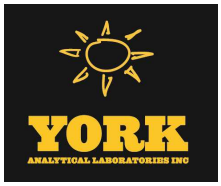
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40053 - EPA 5030B											
LCS Dup (BJ40053-BSD1)								Prepared & Analyzed: 10/01/2024			
n-Propylbenzene	9.24		ug/L	10.0		92.4	78-133		1.42	30	
o-Xylene	8.76		"	10.0		87.6	78-130		2.31	30	
p- & m- Xylenes	18.2		"	20.0		91.2	77-133		1.33	30	
p-Isopropyltoluene	8.62		"	10.0		86.2	81-136		2.59	30	
sec-Butylbenzene	8.38		"	10.0		83.8	79-137		1.44	30	
Styrene	9.07		"	10.0		90.7	67-132		2.23	30	
tert-Butyl alcohol (TBA)	49.8		"	50.0		99.5	25-162		2.73	30	
tert-Butylbenzene	8.57		"	10.0		85.7	77-138		2.24	30	
Tetrachloroethylene	4.46		"	10.0		44.6	82-131	Low Bias	0.449	30	
Toluene	9.02		"	10.0		90.2	80-127		1.79	30	
trans-1,2-Dichloroethylene	8.29		"	10.0		82.9	80-132		0.970	30	
trans-1,3-Dichloropropylene	8.82		"	10.0		88.2	78-131		2.41	30	
Trichloroethylene	10.0		"	10.0		100	82-128		2.01	30	
Trichlorofluoromethane	9.47		"	10.0		94.7	67-139		0.106	30	
Vinyl Chloride	8.60		"	10.0		86.0	58-145		0.580	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.96*		*"*	*10.0*		*99.6*	*79-122*				
Matrix Spike (BJ40053-MS1)	*Source sample: 24I1810-01 (MW-1)							Prepared: 10/01/2024 Analyzed: 10/02/2024			
1,1,1,2-Tetrachloroethane	7.55		ug/L	10.0	0.00	75.5	45-161				
1,1,1-Trichloroethane	7.30		"	10.0	0.00	73.0	70-146				
1,1,2,2-Tetrachloroethane	9.26		"	10.0	0.00	92.6	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	6.60		"	10.0	0.00	66.0	21-217				
1,1,2-Trichloroethane	7.94		"	10.0	0.00	79.4	59-146				
1,1-Dichloroethane	6.96		"	10.0	0.00	69.6	54-146				
1,1-Dichloroethylene	7.62		"	10.0	0.00	76.2	44-165				
1,2,3-Trichlorobenzene	5.51		"	10.0	0.00	55.1	40-161				
1,2,3-Trichloropropane	8.44		"	10.0	0.00	84.4	74-127				
1,2,4-Trichlorobenzene	5.87		"	10.0	0.00	58.7	41-161				
1,2,4-Trimethylbenzene	7.11		"	10.0	0.00	71.1	72-129	Low Bias			
1,2-Dibromo-3-chloropropane	8.65		"	10.0	0.00	86.5	31-151				
1,2-Dibromoethane	8.10		"	10.0	0.00	81.0	75-125				
1,2-Dichlorobenzene	6.97		"	10.0	0.00	69.7	63-122				
1,2-Dichloroethane	7.21		"	10.0	0.00	72.1	68-131				
1,2-Dichloropropane	7.52		"	10.0	0.00	75.2	77-121	Low Bias			
1,3,5-Trimethylbenzene	7.01		"	10.0	0.00	70.1	69-126				
1,3-Dichlorobenzene	6.77		"	10.0	0.00	67.7	74-119	Low Bias			
1,4-Dichlorobenzene	6.83		"	10.0	0.00	68.3	70-124	Low Bias			
1,4-Dioxane	193		"	210	0.00	91.7	10-310				
2-Butanone	8.27		"	10.0	1.12	71.5	10-193				
2-Hexanone	7.45		"	10.0	0.00	74.5	53-133				
4-Methyl-2-pentanone	7.87		"	10.0	0.00	78.7	38-150				
Acetone	22.8		"	10.0	5.91	169	13-149	High Bias			
Acrolein	12.8		"	10.0	0.00	128	10-195				
Acrylonitrile	7.94		"	10.0	0.00	79.4	37-165				
Benzene	7.50		"	10.0	0.00	75.0	38-155				
Bromochloromethane	7.03		"	10.0	0.00	70.3	75-121	Low Bias			
Bromodichloromethane	7.55		"	10.0	0.00	75.5	70-129				
Bromoform	8.19		"	10.0	0.00	81.9	66-136				
Bromomethane	8.80		"	10.0	0.00	88.0	30-158				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40053 - EPA 5030B											
Matrix Spike (BJ40053-MS1)	*Source sample: 24I1810-01 (MW-1)							Prepared: 10/01/2024 Analyzed: 10/02/2024			
Carbon disulfide	8.75		ug/L	10.0	0.00	87.5	10-138				
Carbon tetrachloride	7.52		"	10.0	0.00	75.2	71-146				
Chlorobenzene	7.53		"	10.0	0.00	75.3	81-117	Low Bias			
Chloroethane	7.97		"	10.0	0.00	79.7	51-145				
Chloroform	6.96		"	10.0	0.00	69.6	80-124	Low Bias			
Chloromethane	8.45		"	10.0	0.00	84.5	16-163				
cis-1,2-Dichloroethylene	6.85		"	10.0	0.00	68.5	76-125	Low Bias			
cis-1,3-Dichloropropylene	7.16		"	10.0	0.00	71.6	58-131				
Cyclohexane	7.26		"	10.0	0.00	72.6	70-130				
Dibromochloromethane	7.96		"	10.0	0.00	79.6	71-129				
Dibromomethane	7.79		"	10.0	0.00	77.9	76-120				
Dichlorodifluoromethane	10.3		"	10.0	0.00	103	30-147				
Ethyl Benzene	7.73		"	10.0	0.00	77.3	72-128				
Hexachlorobutadiene	5.72		"	10.0	0.00	57.2	34-166				
Isopropylbenzene	7.41		"	10.0	0.00	74.1	66-139				
Methyl acetate	6.11		"	10.0	0.00	61.1	10-200				
Methyl tert-butyl ether (MTBE)	6.75		"	10.0	0.00	67.5	75-128	Low Bias			
Methylcyclohexane	6.25		"	10.0	0.00	62.5	70-130	Low Bias			
Methylene chloride	7.66		"	10.0	0.00	76.6	57-128				
n-Butylbenzene	6.33		"	10.0	0.290	60.4	61-138	Low Bias			
n-Propylbenzene	7.53		"	10.0	0.00	75.3	66-134				
o-Xylene	7.36		"	10.0	0.00	73.6	69-126				
p- & m- Xylenes	15.5		"	20.0	0.00	77.3	67-130				
p-Isopropyltoluene	6.58		"	10.0	0.00	65.8	64-137				
sec-Butylbenzene	7.09		"	10.0	0.890	62.0	53-155				
Styrene	7.39		"	10.0	0.00	73.9	69-125				
tert-Butyl alcohol (TBA)	45.4		"	50.0	0.860	89.1	10-130				
tert-Butylbenzene	6.81		"	10.0	0.230	65.8	65-139				
Tetrachloroethylene	4.00		"	10.0	0.00	40.0	64-139	Low Bias			
Toluene	8.00		"	10.0	0.00	80.0	76-123				
trans-1,2-Dichloroethylene	7.35		"	10.0	0.00	73.5	79-131	Low Bias			
trans-1,3-Dichloropropylene	7.38		"	10.0	0.00	73.8	55-130				
Trichloroethylene	8.59		"	10.0	0.00	85.9	53-145				
Trichlorofluoromethane	7.77		"	10.0	0.00	77.7	61-142				
Vinyl Chloride	7.94		"	10.0	0.00	79.4	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.99*		*"*	*10.0*		*99.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40053 - EPA 5030B											
Matrix Spike Dup (BJ40053-MSD1)	*Source sample: 24I1810-01 (MW-1)								Prepared: 10/01/2024 Analyzed: 10/02/2024		
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0	0.00	111	45-161		37.8	30	Non-dir.
1,1,1-Trichloroethane	11.0		"	10.0	0.00	110	70-146		40.3	30	Non-dir.
1,1,2,2-Tetrachloroethane	13.0		"	10.0	0.00	130	74-121	High Bias	34.0	30	Non-dir.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0	0.00	110	21-217		50.3	30	Non-dir.
1,1,2-Trichloroethane	11.2		"	10.0	0.00	112	59-146		34.1	30	Non-dir.
1,1-Dichloroethane	10.3		"	10.0	0.00	103	54-146		39.1	30	Non-dir.
1,1-Dichloroethylene	11.4		"	10.0	0.00	114	44-165		39.7	30	Non-dir.
1,2,3-Trichlorobenzene	9.81		"	10.0	0.00	98.1	40-161		56.1	30	Non-dir.
1,2,3-Trichloropropane	11.8		"	10.0	0.00	118	74-127		33.4	30	Non-dir.
1,2,4-Trichlorobenzene	10.2		"	10.0	0.00	102	41-161		54.2	30	Non-dir.
1,2,4-Trimethylbenzene	11.1		"	10.0	0.00	111	72-129		43.9	30	Non-dir.
1,2-Dibromo-3-chloropropane	12.9		"	10.0	0.00	129	31-151		39.2	30	Non-dir.
1,2-Dibromoethane	11.4		"	10.0	0.00	114	75-125		34.0	30	Non-dir.
1,2-Dichlorobenzene	10.9		"	10.0	0.00	109	63-122		43.8	30	Non-dir.
1,2-Dichloroethane	10.4		"	10.0	0.00	104	68-131		36.1	30	Non-dir.
1,2-Dichloropropane	10.9		"	10.0	0.00	109	77-121		36.5	30	Non-dir.
1,3,5-Trimethylbenzene	10.9		"	10.0	0.00	109	69-126		43.5	30	Non-dir.
1,3-Dichlorobenzene	10.8		"	10.0	0.00	108	74-119		45.4	30	Non-dir.
1,4-Dichlorobenzene	10.8		"	10.0	0.00	108	70-124		44.6	30	Non-dir.
1,4-Dioxane	256		"	210	0.00	122	10-310		28.2	30	
2-Butanone	11.7		"	10.0	1.12	106	10-193		34.3	30	Non-dir.
2-Hexanone	10.4		"	10.0	0.00	104	53-133		32.7	30	Non-dir.
4-Methyl-2-pentanone	10.9		"	10.0	0.00	109	38-150		32.4	30	Non-dir.
Acetone	30.8		"	10.0	5.91	249	13-149	High Bias	30.0	30	
Acrolein	18.6		"	10.0	0.00	186	10-195		37.2	30	Non-dir.
Acrylonitrile	11.1		"	10.0	0.00	111	37-165		32.8	30	Non-dir.
Benzene	11.1		"	10.0	0.00	111	38-155		38.9	30	Non-dir.
Bromochloromethane	10.2		"	10.0	0.00	102	75-121		37.1	30	Non-dir.
Bromodichloromethane	10.9		"	10.0	0.00	109	70-129		36.4	30	Non-dir.
Bromoform	11.8		"	10.0	0.00	118	66-136		36.4	30	Non-dir.
Bromomethane	15.8		"	10.0	0.00	158	30-158		57.1	30	Non-dir.
Carbon disulfide	13.5		"	10.0	0.00	135	10-138		43.0	30	Non-dir.
Carbon tetrachloride	11.7		"	10.0	0.00	117	71-146		43.3	30	Non-dir.
Chlorobenzene	11.1		"	10.0	0.00	111	81-117		38.3	30	Non-dir.
Chloroethane	12.3		"	10.0	0.00	123	51-145		43.0	30	Non-dir.
Chloroform	10.2		"	10.0	0.00	102	80-124		38.1	30	Non-dir.
Chloromethane	13.9		"	10.0	0.00	139	16-163		49.0	30	Non-dir.
cis-1,2-Dichloroethylene	10.1		"	10.0	0.00	101	76-125		38.5	30	Non-dir.
cis-1,3-Dichloropropylene	10.3		"	10.0	0.00	103	58-131		36.2	30	Non-dir.
Cyclohexane	12.0		"	10.0	0.00	120	70-130		49.5	30	Non-dir.
Dibromochloromethane	11.4		"	10.0	0.00	114	71-129		35.5	30	Non-dir.
Dibromomethane	11.0		"	10.0	0.00	110	76-120		34.5	30	Non-dir.
Dichlorodifluoromethane	17.4		"	10.0	0.00	174	30-147	High Bias	51.6	30	Non-dir.
Ethyl Benzene	11.5		"	10.0	0.00	115	72-128		39.5	30	Non-dir.
Hexachlorobutadiene	8.72		"	10.0	0.00	87.2	34-166		41.6	30	Non-dir.
Isopropylbenzene	11.4		"	10.0	0.00	114	66-139		42.2	30	Non-dir.
Methyl acetate	8.71		"	10.0	0.00	87.1	10-200		35.1	30	Non-dir.
Methyl tert-butyl ether (MTBE)	9.81		"	10.0	0.00	98.1	75-128		37.0	30	Non-dir.
Methylcyclohexane	10.9		"	10.0	0.00	109	70-130		54.0	30	Non-dir.
Methylene chloride	11.2		"	10.0	0.00	112	57-128		37.9	30	Non-dir.
n-Butylbenzene	10.2		"	10.0	0.290	98.7	61-138		46.5	30	Non-dir.

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40053 - EPA 5030B											
Matrix Spike Dup (BJ40053-MSD1)	*Source sample: 24I1810-01 (MW-1)								Prepared: 10/01/2024 Analyzed: 10/02/2024		
n-Propylbenzene	11.8		ug/L	10.0	0.00	118	66-134		44.0	30	Non-dir.
o-Xylene	11.0		"	10.0	0.00	110	69-126		39.3	30	Non-dir.
p- & m- Xylenes	23.6		"	20.0	0.00	118	67-130		41.5	30	Non-dir.
p-Isopropyltoluene	10.5		"	10.0	0.00	105	64-137		45.7	30	Non-dir.
sec-Butylbenzene	11.2		"	10.0	0.890	103	53-155		45.1	30	Non-dir.
Styrene	11.1		"	10.0	0.00	111	69-125		40.0	30	Non-dir.
tert-Butyl alcohol (TBA)	65.4		"	50.0	0.860	129	10-130		36.1	30	Non-dir.
tert-Butylbenzene	10.7		"	10.0	0.230	105	65-139		44.3	30	Non-dir.
Tetrachloroethylene	6.05		"	10.0	0.00	60.5	64-139	Low Bias	40.8	30	Non-dir.
Toluene	11.6		"	10.0	0.00	116	76-123		36.8	30	Non-dir.
trans-1,2-Dichloroethylene	11.1		"	10.0	0.00	111	79-131		40.4	30	Non-dir.
trans-1,3-Dichloropropylene	10.6		"	10.0	0.00	106	55-130		35.6	30	Non-dir.
Trichloroethylene	12.5		"	10.0	0.00	125	53-145		37.2	30	Non-dir.
Trichlorofluoromethane	12.8		"	10.0	0.00	128	61-142		49.2	30	Non-dir.
Vinyl Chloride	12.9		"	10.0	0.00	129	31-165		47.3	30	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
Batch BJ40118 - EPA 5030B											
Blank (BJ40118-BLK1)									Prepared & Analyzed: 10/02/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40118 - EPA 5030B											
Blank (BJ40118-BLK1)									Prepared & Analyzed: 10/02/2024		
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	0.600	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40118 - EPA 5030B											
LCS (BJ40118-BS1)								Prepared & Analyzed: 10/02/2024			
1,1,1,2-Tetrachloroethane	8.68		ug/L	10.0		86.8	82-126				
1,1,1-Trichloroethane	8.12		"	10.0		81.2	78-136				
1,1,2,2-Tetrachloroethane	12.0		"	10.0		120	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.57		"	10.0		75.7	54-165				
1,1,2-Trichloroethane	10.0		"	10.0		100	82-123				
1,1-Dichloroethane	8.47		"	10.0		84.7	82-129				
1,1-Dichloroethylene	8.49		"	10.0		84.9	68-138				
1,2,3-Trichlorobenzene	8.08		"	10.0		80.8	76-136				
1,2,3-Trichloropropane	9.97		"	10.0		99.7	77-128				
1,2,4-Trichlorobenzene	8.07		"	10.0		80.7	76-137				
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132				
1,2-Dibromo-3-chloropropane	9.51		"	10.0		95.1	45-147				
1,2-Dibromoethane	10.2		"	10.0		102	83-124				
1,2-Dichlorobenzene	9.50		"	10.0		95.0	79-123				
1,2-Dichloroethane	9.89		"	10.0		98.9	73-132				
1,2-Dichloropropane	9.99		"	10.0		99.9	78-126				
1,3,5-Trimethylbenzene	9.24		"	10.0		92.4	80-131				
1,3-Dichlorobenzene	9.07		"	10.0		90.7	86-122				
1,4-Dichlorobenzene	9.28		"	10.0		92.8	85-124				
1,4-Dioxane	313		"	210		149	10-349				
2-Butanone	7.36		"	10.0		73.6	49-152				
2-Hexanone	9.69		"	10.0		96.9	51-146				
4-Methyl-2-pentanone	11.2		"	10.0		112	57-145				
Acetone	19.1		"	10.0		191	14-150	High Bias			
Acrolein	18.6		"	10.0		186	10-153	High Bias			
Acrylonitrile	10.1		"	10.0		101	51-150				
Benzene	9.11		"	10.0		91.1	85-126				
Bromochloromethane	9.90		"	10.0		99.0	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	9.31		"	10.0		93.1	78-133				
Bromomethane	3.14		"	10.0		31.4	43-168	Low Bias			
Carbon disulfide	8.61		"	10.0		86.1	68-146				
Carbon tetrachloride	9.24		"	10.0		92.4	77-141				
Chlorobenzene	9.05		"	10.0		90.5	88-120				
Chloroethane	8.49		"	10.0		84.9	65-136				
Chloroform	8.75		"	10.0		87.5	82-128				
Chloromethane	6.85		"	10.0		68.5	43-155				
cis-1,2-Dichloroethylene	9.14		"	10.0		91.4	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131				
Cyclohexane	7.97		"	10.0		79.7	63-149				
Dibromochloromethane	9.22		"	10.0		92.2	80-130				
Dibromomethane	9.72		"	10.0		97.2	72-134				
Dichlorodifluoromethane	9.97		"	10.0		99.7	44-144				
Ethyl Benzene	9.72		"	10.0		97.2	80-131				
Hexachlorobutadiene	6.32		"	10.0		63.2	67-146	Low Bias			
Isopropylbenzene	9.42		"	10.0		94.2	76-140				
Methyl acetate	9.35		"	10.0		93.5	51-139				
Methyl tert-butyl ether (MTBE)	9.66		"	10.0		96.6	76-135				
Methylcyclohexane	8.10		"	10.0		81.0	72-143				
Methylene chloride	13.7		"	10.0		137	55-137				
n-Butylbenzene	8.65		"	10.0		86.5	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40118 - EPA 5030B											
LCS (BJ40118-BS1)								Prepared & Analyzed: 10/02/2024			
n-Propylbenzene	9.92		ug/L	10.0		99.2	78-133				
o-Xylene	9.38		"	10.0		93.8	78-130				
p- & m- Xylenes	20.8		"	20.0		104	77-133				
p-Isopropyltoluene	8.65		"	10.0		86.5	81-136				
sec-Butylbenzene	8.78		"	10.0		87.8	79-137				
Styrene	8.91		"	10.0		89.1	67-132				
tert-Butyl alcohol (TBA)	50.2		"	50.0		100	25-162				
tert-Butylbenzene	8.24		"	10.0		82.4	77-138				
Tetrachloroethylene	4.38		"	10.0		43.8	82-131	Low Bias			
Toluene	9.61		"	10.0		96.1	80-127				
trans-1,2-Dichloroethylene	8.64		"	10.0		86.4	80-132				
trans-1,3-Dichloropropylene	10.9		"	10.0		109	78-131				
Trichloroethylene	8.22		"	10.0		82.2	82-128				
Trichlorofluoromethane	7.99		"	10.0		79.9	67-139				
Vinyl Chloride	8.82		"	10.0		88.2	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.93*		*"*	*10.0*		*99.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				
Batch BJ40119 - EPA 5030B											
Blank (BJ40119-BLK1)								Prepared & Analyzed: 10/03/2024			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40119 - EPA 5030B											
Blank (BJ40119-BLK1)									Prepared & Analyzed: 10/03/2024		
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40119 - EPA 5030B											
LCS (BJ40119-BS1)								Prepared & Analyzed: 10/03/2024			
1,1,1,2-Tetrachloroethane	8.63		ug/L	10.0		86.3	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165				
1,1,2-Trichloroethane	9.78		"	10.0		97.8	82-123				
1,1-Dichloroethane	9.81		"	10.0		98.1	82-129				
1,1-Dichloroethylene	10.4		"	10.0		104	68-138				
1,2,3-Trichlorobenzene	8.36		"	10.0		83.6	76-136				
1,2,3-Trichloropropane	9.96		"	10.0		99.6	77-128				
1,2,4-Trichlorobenzene	8.31		"	10.0		83.1	76-137				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132				
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	45-147				
1,2-Dibromoethane	9.69		"	10.0		96.9	83-124				
1,2-Dichlorobenzene	9.67		"	10.0		96.7	79-123				
1,2-Dichloroethane	9.58		"	10.0		95.8	73-132				
1,2-Dichloropropane	9.81		"	10.0		98.1	78-126				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131				
1,3-Dichlorobenzene	9.74		"	10.0		97.4	86-122				
1,4-Dichlorobenzene	9.81		"	10.0		98.1	85-124				
1,4-Dioxane	175		"	210		83.5	10-349				
2-Butanone	8.26		"	10.0		82.6	49-152				
2-Hexanone	9.51		"	10.0		95.1	51-146				
4-Methyl-2-pentanone	10.4		"	10.0		104	57-145				
Acetone	6.41		"	10.0		64.1	14-150				
Acrolein	0.300		"	10.0		3.00	10-153	Low Bias			
Acrylonitrile	10.8		"	10.0		108	51-150				
Benzene	10.2		"	10.0		102	85-126				
Bromochloromethane	10.2		"	10.0		102	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	9.11		"	10.0		91.1	78-133				
Bromomethane	2.98		"	10.0		29.8	43-168	Low Bias			
Carbon disulfide	10.6		"	10.0		106	68-146				
Carbon tetrachloride	11.4		"	10.0		114	77-141				
Chlorobenzene	9.30		"	10.0		93.0	88-120				
Chloroethane	10.6		"	10.0		106	65-136				
Chloroform	9.62		"	10.0		96.2	82-128				
Chloromethane	8.46		"	10.0		84.6	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131				
Cyclohexane	11.1		"	10.0		111	63-149				
Dibromochloromethane	9.08		"	10.0		90.8	80-130				
Dibromomethane	9.61		"	10.0		96.1	72-134				
Dichlorodifluoromethane	13.2		"	10.0		132	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	7.62		"	10.0		76.2	67-146				
Isopropylbenzene	11.2		"	10.0		112	76-140				
Methyl acetate	9.92		"	10.0		99.2	51-139				
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	76-135				
Methylcyclohexane	10.8		"	10.0		108	72-143				
Methylene chloride	10.1		"	10.0		101	55-137				
n-Butylbenzene	9.96		"	10.0		99.6	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40119 - EPA 5030B											
LCS (BJ40119-BS1)								Prepared & Analyzed: 10/03/2024			
n-Propylbenzene	11.9		ug/L	10.0		119	78-133				
o-Xylene	9.97		"	10.0		99.7	78-130				
p- & m- Xylenes	23.3		"	20.0		116	77-133				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	10.8		"	10.0		108	79-137				
Styrene	9.15		"	10.0		91.5	67-132				
tert-Butyl alcohol (TBA)	55.3		"	50.0		111	25-162				
tert-Butylbenzene	10.0		"	10.0		100	77-138				
Tetrachloroethylene	5.35		"	10.0		53.5	82-131	Low Bias			
Toluene	10.3		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-132				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-131				
Trichloroethylene	9.15		"	10.0		91.5	82-128				
Trichlorofluoromethane	11.0		"	10.0		110	67-139				
Vinyl Chloride	11.6		"	10.0		116	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.94*		*"*	*10.0*		*99.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				
LCS Dup (BJ40119-BSD1)								Prepared & Analyzed: 10/03/2024			
1,1,1,2-Tetrachloroethane	8.79		ug/L	10.0		87.9	82-126		1.84	30	
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136		0.391	30	
1,1,2,2-Tetrachloroethane	12.0		"	10.0		120	76-129		5.04	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		1.43	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123		3.91	30	
1,1-Dichloroethane	9.84		"	10.0		98.4	82-129		0.305	30	
1,1-Dichloroethylene	10.4		"	10.0		104	68-138		0.769	30	
1,2,3-Trichlorobenzene	9.05		"	10.0		90.5	76-136		7.93	30	
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128		3.36	30	
1,2,4-Trichlorobenzene	8.12		"	10.0		81.2	76-137		2.31	30	
1,2,4-Trimethylbenzene	9.96		"	10.0		99.6	82-132		3.74	30	
1,2-Dibromo-3-chloropropane	9.30		"	10.0		93.0	45-147		8.35	30	
1,2-Dibromoethane	10.4		"	10.0		104	83-124		6.78	30	
1,2-Dichlorobenzene	9.62		"	10.0		96.2	79-123		0.518	30	
1,2-Dichloroethane	10.1		"	10.0		101	73-132		4.99	30	
1,2-Dichloropropane	9.88		"	10.0		98.8	78-126		0.711	30	
1,3,5-Trimethylbenzene	9.91		"	10.0		99.1	80-131		4.83	30	
1,3-Dichlorobenzene	9.39		"	10.0		93.9	86-122		3.66	30	
1,4-Dichlorobenzene	9.65		"	10.0		96.5	85-124		1.64	30	
1,4-Dioxane	215		"	210		102	10-349		20.4	30	
2-Butanone	8.65		"	10.0		86.5	49-152		4.61	30	
2-Hexanone	10.4		"	10.0		104	51-146		8.84	30	
4-Methyl-2-pentanone	11.4		"	10.0		114	57-145		9.48	30	
Acetone	6.71		"	10.0		67.1	14-150		4.57	30	
Acrolein	10.2		"	10.0		102	10-153		189	30	Non-dir.
Acrylonitrile	11.4		"	10.0		114	51-150		5.41	30	
Benzene	10.2		"	10.0		102	85-126		0.489	30	
Bromochloromethane	10.3		"	10.0		103	77-128		1.47	30	
Bromodichloromethane	10.5		"	10.0		105	79-128		0.961	30	
Bromoform	9.84		"	10.0		98.4	78-133		7.70	30	
Bromomethane	3.00		"	10.0		30.0	43-168	Low Bias	0.669	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40119 - EPA 5030B											
LCS Dup (BJ40119-BSD1)								Prepared & Analyzed: 10/03/2024			
Carbon disulfide	10.5		ug/L	10.0		105	68-146		1.23	30	
Carbon tetrachloride	11.4		"	10.0		114	77-141		0.614	30	
Chlorobenzene	9.29		"	10.0		92.9	88-120		0.108	30	
Chloroethane	10.8		"	10.0		108	65-136		1.59	30	
Chloroform	9.56		"	10.0		95.6	82-128		0.626	30	
Chloromethane	8.67		"	10.0		86.7	43-155		2.45	30	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129		0.198	30	
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131		1.34	30	
Cyclohexane	11.0		"	10.0		110	63-149		0.634	30	
Dibromochloromethane	9.54		"	10.0		95.4	80-130		4.94	30	
Dibromomethane	10.2		"	10.0		102	72-134		5.76	30	
Dichlorodifluoromethane	12.8		"	10.0		128	44-144		3.53	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		0.846	30	
Hexachlorobutadiene	6.87		"	10.0		68.7	67-146		10.4	30	
Isopropylbenzene	10.5		"	10.0		105	76-140		7.09	30	
Methyl acetate	10.6		"	10.0		106	51-139		7.10	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135		6.21	30	
Methylcyclohexane	10.7		"	10.0		107	72-143		0.372	30	
Methylene chloride	10.8		"	10.0		108	55-137		6.43	30	
n-Butylbenzene	9.59		"	10.0		95.9	79-132		3.79	30	
n-Propylbenzene	11.2		"	10.0		112	78-133		6.17	30	
o-Xylene	9.89		"	10.0		98.9	78-130		0.806	30	
p- & m- Xylenes	23.1		"	20.0		116	77-133		0.776	30	
p-Isopropyltoluene	9.67		"	10.0		96.7	81-136		6.02	30	
sec-Butylbenzene	10.2		"	10.0		102	79-137		6.00	30	
Styrene	9.13		"	10.0		91.3	67-132		0.219	30	
tert-Butyl alcohol (TBA)	60.8		"	50.0		122	25-162		9.61	30	
tert-Butylbenzene	9.45		"	10.0		94.5	77-138		5.66	30	
Tetrachloroethylene	5.32		"	10.0		53.2	82-131	Low Bias	0.562	30	
Toluene	10.2		"	10.0		102	80-127		1.07	30	
trans-1,2-Dichloroethylene	9.87		"	10.0		98.7	80-132		2.11	30	
trans-1,3-Dichloropropylene	11.1		"	10.0		111	78-131		4.71	30	
Trichloroethylene	8.98		"	10.0		89.8	82-128		1.88	30	
Trichlorofluoromethane	10.7		"	10.0		107	67-139		2.40	30	
Vinyl Chloride	11.9		"	10.0		119	58-145		2.38	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40320 - EPA 5030B											
Blank (BJ40320-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								

Prepared & Analyzed: 10/04/2024

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40320 - EPA 5030B											
Blank (BJ40320-BLK1)								Prepared & Analyzed: 10/04/2024			
n-Propylbenzene	ND	0.500	ug/L								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.9*		*"*	*10.0*		*109*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.87*		*"*	*10.0*		*98.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
LCS (BJ40320-BS1)								Prepared & Analyzed: 10/04/2024			
1,1,1,2-Tetrachloroethane	9.80		ug/L	10.0		98.0	82-126				
1,1,1-Trichloroethane	9.36		"	10.0		93.6	78-136				
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.27		"	10.0		82.7	54-165				
1,1,2-Trichloroethane	9.67		"	10.0		96.7	82-123				
1,1-Dichloroethane	8.18		"	10.0		81.8	82-129	Low Bias			
1,1-Dichloroethylene	8.33		"	10.0		83.3	68-138				
1,2,3-Trichlorobenzene	10.4		"	10.0		104	76-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	9.73		"	10.0		97.3	76-137				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132				
1,2-Dibromo-3-chloropropane	9.83		"	10.0		98.3	45-147				
1,2-Dibromoethane	9.93		"	10.0		99.3	83-124				
1,2-Dichlorobenzene	9.42		"	10.0		94.2	79-123				
1,2-Dichloroethane	9.94		"	10.0		99.4	73-132				
1,2-Dichloropropane	9.72		"	10.0		97.2	78-126				
1,3,5-Trimethylbenzene	9.88		"	10.0		98.8	80-131				
1,3-Dichlorobenzene	9.00		"	10.0		90.0	86-122				
1,4-Dichlorobenzene	9.26		"	10.0		92.6	85-124				
1,4-Dioxane	296		"	210		141	10-349				
2-Butanone	6.80		"	10.0		68.0	49-152				
2-Hexanone	9.23		"	10.0		92.3	51-146				
4-Methyl-2-pentanone	10.0		"	10.0		100	57-145				
Acetone	14.3		"	10.0		143	14-150				
Acrolein	14.8		"	10.0		148	10-153				
Acrylonitrile	8.09		"	10.0		80.9	51-150				
Benzene	9.10		"	10.0		91.0	85-126				
Bromochloromethane	8.88		"	10.0		88.8	77-128				
Bromodichloromethane	10.1		"	10.0		101	79-128				
Bromoform	8.40		"	10.0		84.0	78-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40320 - EPA 5030B											
LCS (BJ40320-BS1)								Prepared & Analyzed: 10/04/2024			
Bromomethane	3.63		ug/L	10.0		36.3	43-168	Low Bias			
Carbon disulfide	7.60		"	10.0		76.0	68-146				
Carbon tetrachloride	9.75		"	10.0		97.5	77-141				
Chlorobenzene	9.59		"	10.0		95.9	88-120				
Chloroethane	6.26		"	10.0		62.6	65-136	Low Bias			
Chloroform	8.78		"	10.0		87.8	82-128				
Chloromethane	5.51		"	10.0		55.1	43-155				
cis-1,2-Dichloroethylene	8.96		"	10.0		89.6	83-129				
cis-1,3-Dichloropropylene	9.81		"	10.0		98.1	80-131				
Cyclohexane	8.65		"	10.0		86.5	63-149				
Dibromochloromethane	10.2		"	10.0		102	80-130				
Dibromomethane	9.63		"	10.0		96.3	72-134				
Dichlorodifluoromethane	6.22		"	10.0		62.2	44-144				
Ethyl Benzene	9.79		"	10.0		97.9	80-131				
Hexachlorobutadiene	10.1		"	10.0		101	67-146				
Isopropylbenzene	9.81		"	10.0		98.1	76-140				
Methyl acetate	7.40		"	10.0		74.0	51-139				
Methyl tert-butyl ether (MTBE)	8.46		"	10.0		84.6	76-135				
Methylcyclohexane	9.33		"	10.0		93.3	72-143				
Methylene chloride	7.26		"	10.0		72.6	55-137				
n-Butylbenzene	9.81		"	10.0		98.1	79-132				
n-Propylbenzene	9.70		"	10.0		97.0	78-133				
o-Xylene	8.96		"	10.0		89.6	78-130				
p- & m- Xylenes	19.4		"	20.0		97.2	77-133				
p-Isopropyltoluene	9.58		"	10.0		95.8	81-136				
sec-Butylbenzene	9.78		"	10.0		97.8	79-137				
Styrene	8.87		"	10.0		88.7	67-132				
tert-Butyl alcohol (TBA)	51.1		"	50.0		102	25-162				
tert-Butylbenzene	9.69		"	10.0		96.9	77-138				
Tetrachloroethylene	5.01		"	10.0		50.1	82-131	Low Bias			
Toluene	9.38		"	10.0		93.8	80-127				
trans-1,2-Dichloroethylene	8.41		"	10.0		84.1	80-132				
trans-1,3-Dichloropropylene	9.07		"	10.0		90.7	78-131				
Trichloroethylene	8.86		"	10.0		88.6	82-128				
Trichlorofluoromethane	7.81		"	10.0		78.1	67-139				
Vinyl Chloride	6.69		"	10.0		66.9	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.34*		*"*	*10.0*		*93.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40107 - EPA 3510C											
Blank (BJ40107-BLK1)											
Prepared: 10/02/2024 Analyzed: 10/03/2024											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40107 - EPA 3510C											
Blank (BJ40107-BLK1)											Prepared: 10/02/2024 Analyzed: 10/03/2024
Surrogate: SURR: 2-Fluorophenol	*19.0*		*ug/L*	*50.0*		*38.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.06*		*"*	*50.0*		*16.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*22.6*		*"*	*25.0*		*90.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.4*		*"*	*25.0*		*61.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*62.5*		*"*	*50.0*		*125*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.0*		*"*	*25.0*		*92.1*	*30.7-106*				
Blank (BJ40107-BLK2)											Prepared: 10/02/2024 Analyzed: 10/03/2024
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

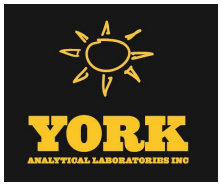
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40107 - EPA 3510C											
LCS (BJ40107-BS1)								Prepared: 10/02/2024 Analyzed: 10/03/2024			
1,1-Biphenyl	12.6	5.00	ug/L	25.0		50.4	33-95				
1,2,4,5-Tetrachlorobenzene	12.8	5.00	"	25.0		51.1	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	18.2	5.00	"	25.0		72.8	16-141				
2,3,4,6-Tetrachlorophenol	16.1	5.00	"	25.0		64.3	30-130				
2,4,5-Trichlorophenol	15.4	5.00	"	25.0		61.4	32-114				
2,4,6-Trichlorophenol	13.9	5.00	"	25.0		55.4	35-118				
2,4-Dichlorophenol	14.0	5.00	"	25.0		56.0	25-116				
2,4-Dimethylphenol	14.4	5.00	"	25.0		57.6	15-116				
2,4-Dinitrophenol	12.6	5.00	"	25.0		50.2	10-170				
2,4-Dinitrotoluene	18.4	5.00	"	25.0		73.5	41-128				
2,6-Dinitrotoluene	17.8	5.00	"	25.0		71.4	45-116				
2-Chloronaphthalene	11.9	5.00	"	25.0		47.5	33-112				
2-Chlorophenol	12.0	5.00	"	25.0		47.9	15-120				
2-Methylnaphthalene	11.9	5.00	"	25.0		47.7	24-118				
2-Methylphenol	10.9	5.00	"	25.0		43.6	10-110				
2-Nitroaniline	15.1	5.00	"	25.0		60.6	34-129				
2-Nitrophenol	16.7	5.00	"	25.0		66.8	28-118				
3- & 4-Methylphenols	10.2	5.00	"	25.0		40.7	10-107				
3,3-Dichlorobenzidine	12.6	5.00	"	25.0		50.5	15-187				
3-Nitroaniline	13.6	5.00	"	25.0		54.3	24-134				
4,6-Dinitro-2-methylphenol	29.2	5.00	"	25.0		117	10-153				
4-Bromophenyl phenyl ether	16.5	5.00	"	25.0		66.1	34-120				
4-Chloro-3-methylphenol	16.9	5.00	"	25.0		67.6	20-120				
4-Chloroaniline	14.5	5.00	"	25.0		57.9	10-147				
4-Chlorophenyl phenyl ether	14.2	5.00	"	25.0		56.7	27-121				
4-Nitroaniline	13.3	5.00	"	25.0		53.2	13-134				
4-Nitrophenol	31.3	5.00	"	25.0		125	10-131				
Acetophenone	14.7	5.00	"	25.0		58.8	25-110				
Aniline	21.3	5.00	"	25.0		85.0	10-117				
Benzaldehyde	16.0	5.00	"	25.0		64.2	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	8.76	5.00	"	25.0		35.0	10-117				
Benzyl butyl phthalate	12.5	5.00	"	25.0		50.1	29-133				
Bis(2-chloroethoxy)methane	17.2	5.00	"	25.0		68.6	10-154				
Bis(2-chloroethyl)ether	30.6	5.00	"	25.0		123	17-125				
Bis(2-chloroisopropyl)ether	18.2	5.00	"	25.0		73.0	10-139				
Caprolactam	3.20	5.00	"	25.0		12.8	10-137				
Carbazole	13.5	5.00	"	25.0		53.8	42-126				
Dibenzofuran	13.2	5.00	"	25.0		52.9	36-113				
Diethyl phthalate	14.7	5.00	"	25.0		58.9	38-115				
Dimethyl phthalate	15.0	5.00	"	25.0		60.2	38-129				
Di-n-butyl phthalate	14.9	5.00	"	25.0		59.8	31-120				
Di-n-octyl phthalate	12.4	5.00	"	25.0		49.4	21-149				
Diphenylamine	16.6	5.00	"	25.0		66.2	40-140				
Hexachlorocyclopentadiene	7.57	10.0	"	25.0		30.3	10-130				
Isophorone	19.4	5.00	"	25.0		77.7	25-127				
N-nitroso-di-n-propylamine	16.5	5.00	"	25.0		65.8	26-122				
N-Nitrosodiphenylamine	16.8	5.00	"	25.0		67.3	23-149				
Phenol	5.89	5.00	"	25.0		23.6	10-110				
Pyridine	6.13	5.00	"	35.0		17.5	10-90				
Surrogate: SURR: 2-Fluorophenol	*11.5*		*"*	*50.0*		*22.9*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40107 - EPA 3510C											
LCS (BJ40107-BS1)								Prepared: 10/02/2024 Analyzed: 10/03/2024			
Surrogate: SURR: Phenol-d6	*6.44*		*ug/L*	*50.0*		*12.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*13.8*		*"*	*25.0*		*55.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*10.2*		*"*	*25.0*		*41.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*38.0*		*"*	*50.0*		*76.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*12.9*		*"*	*25.0*		*51.7*	*30.7-106*				
LCS (BJ40107-BS2)								Prepared: 10/02/2024 Analyzed: 10/03/2024			
Acenaphthene	0.950	0.0500	ug/L	1.00		95.0	25-116				
Acenaphthylene	1.05	0.0500	"	1.00		105	26-116				
Anthracene	0.930	0.0500	"	1.00		93.0	25-123				
Benzo(a)anthracene	1.05	0.0500	"	1.00		105	33-125				
Benzo(a)pyrene	0.970	0.0500	"	1.00		97.0	32-132				
Benzo(b)fluoranthene	0.900	0.0500	"	1.00		90.0	22-137				
Benzo(g,h,i)perylene	2.04	0.0500	"	1.00		204	10-138	High Bias			
Benzo(k)fluoranthene	0.970	0.0500	"	1.00		97.0	20-137				
Bis(2-ethylhexyl)phthalate	1.55	0.500	"	1.00		155	10-189				
Chrysene	1.01	0.0500	"	1.00		101	32-124				
Dibenzo(a,h)anthracene	2.14	0.0500	"	1.00		214	16-133	High Bias			
Fluoranthene	1.01	0.0500	"	1.00		101	32-121				
Fluorene	0.970	0.0500	"	1.00		97.0	28-118				
Hexachlorobenzene	0.150	0.0200	"	1.00		15.0	23-124	Low Bias			
Hexachlorobutadiene	0.770	0.500	"	1.00		77.0	15-123				
Hexachloroethane	1.04	0.500	"	1.00		104	18-115				
Indeno(1,2,3-cd)pyrene	2.06	0.0500	"	1.00		206	15-135	High Bias			
Naphthalene	0.920	0.0500	"	1.00		92.0	18-120				
Nitrobenzene	0.900	0.250	"	1.00		90.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.17	0.250	"	1.00		117	10-156				
Phenanthrene	0.990	0.0500	"	1.00		99.0	24-127				
Pyrene	1.02	0.0500	"	1.00		102	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40212 - EPA 3510C											
Blank (BJ40212-BLK1)											
Prepared: 10/03/2024 Analyzed: 10/04/2024											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40212 - EPA 3510C											
Blank (BJ40212-BLK1)											Prepared: 10/03/2024 Analyzed: 10/04/2024
Surrogate: SURR: 2-Fluorophenol	*15.6*		*ug/L*	*50.0*		*31.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.77*		*"*	*50.0*		*19.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.7*		*"*	*25.0*		*62.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.6*		*"*	*25.0*		*54.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*51.2*		*"*	*50.0*		*102*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.4*		*"*	*25.0*		*81.6*	*30.7-106*				
Blank (BJ40212-BLK2)											Prepared: 10/03/2024 Analyzed: 10/04/2024
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	0.220	0.0500	"								
Anthracene	0.0800	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	0.0600	0.0500	"								
Fluorene	0.160	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	0.830	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	3.73	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	0.240	0.0500	"								
Pyrene	0.0600	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40212 - EPA 3510C											
LCS (BJ40212-BS1)								Prepared: 10/03/2024 Analyzed: 10/04/2024			
1,1-Biphenyl	14.6	5.00	ug/L	25.0		58.5	33-95				
1,2,4,5-Tetrachlorobenzene	11.3	5.00	"	25.0		45.2	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	24.4	5.00	"	25.0		97.7	16-141				
2,3,4,6-Tetrachlorophenol	28.7	5.00	"	25.0		115	30-130				
2,4,5-Trichlorophenol	23.7	5.00	"	25.0		94.9	32-114				
2,4,6-Trichlorophenol	24.1	5.00	"	25.0		96.4	35-118				
2,4-Dichlorophenol	23.2	5.00	"	25.0		93.0	25-116				
2,4-Dimethylphenol	21.1	5.00	"	25.0		84.5	15-116				
2,4-Dinitrophenol	43.1	5.00	"	25.0		172	10-170	High Bias			
2,4-Dinitrotoluene	26.7	5.00	"	25.0		107	41-128				
2,6-Dinitrotoluene	25.3	5.00	"	25.0		101	45-116				
2-Chloronaphthalene	14.2	5.00	"	25.0		56.9	33-112				
2-Chlorophenol	20.0	5.00	"	25.0		80.0	15-120				
2-Methylnaphthalene	13.2	5.00	"	25.0		52.8	24-118				
2-Methylphenol	17.6	5.00	"	25.0		70.4	10-110				
2-Nitroaniline	24.2	5.00	"	25.0		96.8	34-129				
2-Nitrophenol	26.2	5.00	"	25.0		105	28-118				
3- & 4-Methylphenols	14.3	5.00	"	25.0		57.2	10-107				
3,3-Dichlorobenzidine	21.2	5.00	"	25.0		84.6	15-187				
3-Nitroaniline	23.1	5.00	"	25.0		92.4	24-134				
4,6-Dinitro-2-methylphenol	49.9	5.00	"	25.0		200	10-153	High Bias			
4-Bromophenyl phenyl ether	21.0	5.00	"	25.0		84.0	34-120				
4-Chloro-3-methylphenol	24.6	5.00	"	25.0		98.4	20-120				
4-Chloroaniline	21.5	5.00	"	25.0		86.0	10-147				
4-Chlorophenyl phenyl ether	18.9	5.00	"	25.0		75.6	27-121				
4-Nitroaniline	22.8	5.00	"	25.0		91.2	13-134				
4-Nitrophenol	10.3	5.00	"	25.0		41.2	10-131				
Acetophenone	19.8	5.00	"	25.0		79.4	25-110				
Aniline	16.1	5.00	"	25.0		64.4	10-117				
Benzaldehyde	20.4	5.00	"	25.0		81.5	29-117				
Benzoic acid	47.4	5.00	"	25.0		189	30-130	High Bias			
Benzyl alcohol	15.8	5.00	"	25.0		63.1	10-117				
Benzyl butyl phthalate	24.9	5.00	"	25.0		99.4	29-133				
Bis(2-chloroethoxy)methane	20.8	5.00	"	25.0		83.3	10-154				
Bis(2-chloroethyl)ether	18.5	5.00	"	25.0		74.1	17-125				
Bis(2-chloroisopropyl)ether	16.8	5.00	"	25.0		67.0	10-139				
Caprolactam	4.96	5.00	"	25.0		19.8	10-137				
Carbazole	19.8	5.00	"	25.0		79.4	42-126				
Dibenzofuran	18.4	5.00	"	25.0		73.5	36-113				
Diethyl phthalate	24.0	5.00	"	25.0		95.9	38-115				
Dimethyl phthalate	23.1	5.00	"	25.0		92.6	38-129				
Di-n-butyl phthalate	23.0	5.00	"	25.0		91.8	31-120				
Di-n-octyl phthalate	24.2	5.00	"	25.0		97.0	21-149				
Diphenylamine	31.2	5.00	"	25.0		125	40-140				
Hexachlorocyclopentadiene	7.67	10.0	"	25.0		30.7	10-130				
Isophorone	20.8	5.00	"	25.0		83.2	25-127				
N-nitroso-di-n-propylamine	19.5	5.00	"	25.0		78.2	26-122				
N-Nitrosodiphenylamine	29.9	5.00	"	25.0		120	23-149				
Phenol	8.59	5.00	"	25.0		34.4	10-110				
Pyridine	6.53	5.00	"	35.0		18.7	10-90				
Surrogate: SURR: 2-Fluorophenol	*20.4*		*"*	*50.0*		*40.8*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40212 - EPA 3510C											
LCS (BJ40212-BS1)								Prepared: 10/03/2024 Analyzed: 10/04/2024			
Surrogate: SURR: Phenol-d6	*12.9*		*ug/L*	*50.0*		*25.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.2*		*"*	*25.0*		*80.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.4*		*"*	*25.0*		*73.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*64.2*		*"*	*50.0*		*128*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.2*		*"*	*25.0*		*93.0*	*30.7-106*				
LCS (BJ40212-BS2)								Prepared: 10/03/2024 Analyzed: 10/04/2024			
Acenaphthene	0.910	0.0500	ug/L	1.00		91.0	25-116				
Acenaphthylene	0.850	0.0500	"	1.00		85.0	26-116				
Anthracene	0.920	0.0500	"	1.00		92.0	25-123				
Benzo(a)anthracene	1.03	0.0500	"	1.00		103	33-125				
Benzo(a)pyrene	0.930	0.0500	"	1.00		93.0	32-132				
Benzo(b)fluoranthene	1.07	0.0500	"	1.00		107	22-137				
Benzo(g,h,i)perylene	1.00	0.0500	"	1.00		100	10-138				
Benzo(k)fluoranthene	1.11	0.0500	"	1.00		111	20-137				
Bis(2-ethylhexyl)phthalate	1.22	0.500	"	1.00		122	10-189				
Chrysene	1.08	0.0500	"	1.00		108	32-124				
Dibenzo(a,h)anthracene	1.10	0.0500	"	1.00		110	16-133				
Fluoranthene	1.09	0.0500	"	1.00		109	32-121				
Fluorene	0.980	0.0500	"	1.00		98.0	28-118				
Hexachlorobenzene	0.140	0.0200	"	1.00		14.0	23-124	Low Bias			
Hexachlorobutadiene	0.680	0.500	"	1.00		68.0	15-123				
Hexachloroethane	0.660	0.500	"	1.00		66.0	18-115				
Indeno(1,2,3-cd)pyrene	1.05	0.0500	"	1.00		105	15-135				
Naphthalene	0.770	0.0500	"	1.00		77.0	18-120				
Nitrobenzene	0.550	0.250	"	1.00		55.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.71	0.250	"	1.00		171	10-156	High Bias			
Phenanthrene	1.02	0.0500	"	1.00		102	24-127				
Pyrene	1.06	0.0500	"	1.00		106	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40566 - EPA 3510C											
Blank (BJ40566-BLK2)								Prepared & Analyzed: 10/09/2024			
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	0.0600	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BJ40566-BS2)								Prepared: 10/09/2024 Analyzed: 10/11/2024			
Acenaphthene	1.10	0.0500	ug/L	1.00		110	25-116				
Acenaphthylene	1.22	0.0500	"	1.00		122	26-116	High Bias			
Anthracene	1.13	0.0500	"	1.00		113	25-123				
Benzo(a)anthracene	1.17	0.0500	"	1.00		117	33-125				
Benzo(a)pyrene	1.05	0.0500	"	1.00		105	32-132				
Benzo(b)fluoranthene	1.20	0.0500	"	1.00		120	22-137				
Benzo(g,h,i)perylene	1.23	0.0500	"	1.00		123	10-138				
Benzo(k)fluoranthene	1.26	0.0500	"	1.00		126	20-137				
Bis(2-ethylhexyl)phthalate	1.48	0.500	"	1.00		148	10-189				
Chrysene	1.23	0.0500	"	1.00		123	32-124				
Dibenzo(a,h)anthracene	1.15	0.0500	"	1.00		115	16-133				
Fluoranthene	1.05	0.0500	"	1.00		105	32-121				
Fluorene	1.15	0.0500	"	1.00		115	28-118				
Hexachlorobenzene	1.05	0.0200	"	1.00		105	23-124				
Hexachlorobutadiene	0.820	0.500	"	1.00		82.0	15-123				
Hexachloroethane	0.890	0.500	"	1.00		89.0	18-115				
Indeno(1,2,3-cd)pyrene	1.17	0.0500	"	1.00		117	15-135				
Naphthalene	1.06	0.0500	"	1.00		106	18-120				
Nitrobenzene	0.630	0.250	"	1.00		63.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.05	0.250	"	1.00		105	10-156				
Phenanthrene	1.19	0.0500	"	1.00		119	24-127				
Pyrene	1.20	0.0500	"	1.00		120	31-132				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40200 - EPA SW846-3510C Low Level											
Blank (BJ40200-BLK2)								Prepared & Analyzed: 10/03/2024			
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	*0.118*		"	*0.200*		*59.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.148*		"	*0.200*		*74.0*	*30-120*				
LCS (BJ40200-BS2)								Prepared & Analyzed: 10/03/2024			
Aroclor 1016	0.785	0.0500	ug/L	1.00		78.5	40-120				
Aroclor 1260	0.739	0.0500	"	1.00		73.9	40-120				
Surrogate: Tetrachloro-m-xylene	*0.111*		"	*0.200*		*55.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.123*		"	*0.200*		*61.5*	*30-120*				
Matrix Spike (BJ40200-MS2)	*Source sample: 24I1810-01 (MW-1)							Prepared: 10/03/2024 Analyzed: 10/04/2024			
Aroclor 1016	0.550	0.0500	ug/L	1.00	ND	55.0	40-140				
Aroclor 1260	0.587	0.0500	"	1.00	ND	58.7	40-140				
Surrogate: Tetrachloro-m-xylene	*0.100*		"	*0.200*		*50.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0680*		"	*0.200*		*34.0*	*30-120*				
Matrix Spike Dup (BJ40200-MSD2)	*Source sample: 24I1810-01 (MW-1)							Prepared: 10/03/2024 Analyzed: 10/04/2024			
Aroclor 1016	0.503	0.0500	ug/L	1.00	ND	50.3	40-140		8.77	50	
Aroclor 1260	0.596	0.0500	"	1.00	ND	59.6	40-140		1.62	50	
Surrogate: Tetrachloro-m-xylene	*0.0960*		"	*0.200*		*48.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0690*		"	*0.200*		*34.5*	*30-120*				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40018 - EPA SW846-7470A											
Blank (BJ40018-BLK1)									Prepared & Analyzed: 10/01/2024		
Mercury	ND	0.0002	mg/L								
LCS (BJ40018-BS1)									Prepared & Analyzed: 10/01/2024		
Mercury	0.0018275	0.0002	mg/L	0.00200		91.4	80-120				
Duplicate (BJ40018-DUP1)	*Source sample: 24I1810-01 (MW-1)								Prepared & Analyzed: 10/01/2024		
Mercury	ND	0.0002	mg/L		ND					20	
Matrix Spike (BJ40018-MS1)	*Source sample: 24I1810-01 (MW-1)								Prepared & Analyzed: 10/01/2024		
Mercury	0.0017	0.0002	mg/L	0.00200	ND	85.2	75-125				
Matrix Spike Dup (BJ40018-MSD1)	*Source sample: 24I1810-01 (MW-1)								Prepared & Analyzed: 10/01/2024		
Mercury	0.0017	0.0002	mg/L	0.00200	ND	82.9	75-125		2.80	200	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I1810-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1810-02	DUP-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1810-03	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1810-04	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1810-05	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1810-06	Rinsate Blank 1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1810-07	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1810-08	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1810-09	MW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1810-10	Rinsate Blank 2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

See attach	See attached
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
HT-PR	Sample was prepared outside of the recommended holding time.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24I1810

Page _____ of _____

Report To:	Invoice To:
Company: HRP Associates	Company:
Address: 1 Fairchild Sq. #110 Clifton Park NY	Address: same
Phone.: 518 877 7101	Phone.:
Contact: cassandra.george	Contact:
E-mail: cassandra.george@hrpassociates.com	E-mail: also to: HRP.Invoices@hrpassociates.com

YOUR Project Name / Number: Remmington Arms

PO Number:

Samples Collected From: NY ✓ | 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.

Leah Topping
leah topping

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

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

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

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

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

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:	VOCs (8260C)	SVOCs (8270E)	Metals (6010D/6020B)	PCBs (8082)	Grab or Comp.
MW-1	9/26	10:30	GW	5	9		3							x	x	x	x	G
Dup-1	9/26		GW	5	3		1							x	x	x	x	G
MW-2	9/26	1:15	GW	3	3		1							x	x	x		G
MW-3	9/26	11:00	GW	3	3		1							x	x	x		G
MW-5	9/26	2:00	GW	3	3		1							x	x	x		G
Rinsate 1	9/26	1:30	W	5	3		1							x	x	x	x	G
MW-4	9/27	12:10	GW	3	3		1							x	x	x		G
MW-6	9/27	10:20	GW	5	3		1							x	x	x	x	G
MW-9	9/27	11:10	GW	3	3		1							x	x	x		G
Rinsate Blank 2	9/27	12:30	W	5	3		1							x	x	x	x	G

Comments: Run extra bottles from MW-1 for MS/MSD
Please send data to ted.wall@hrpassociates.com & leah.topping@hrpassociates.com. Ignore pest. on labels

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
Leah Topping/HRP	9/30/24 9:40	Chris C	9-30-24 9:40	Chris C	9-30-24 15:15
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: JMavaro	9/30/24 15:15 Temperature: 1.2 degrees C

October 14, 2024 Service Request No:R2409958

Client Services
120 Research Drive
Stratford, CT 06615

Laboratory Results for: 24I1810

Dear Reporting,

Enclosed are the results of the sample(s) submitted to our laboratory October 05, 2024
For your reference, these analyses have been assigned our service request number **R2409958.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at Meghan.Pedro@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Meghan Pedro
Project Manager

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

ALS Environmental

Client: York Analytical Laboratories, Inc.
Project: 24I1810
Sample Matrix: Water

Service Request: R2409958
Date Received: 10/05/2024

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.
Manual Integrations may have been used in the quantitation of the results in this report. Manual Integrations are readily identified in the raw data on the Quantitation Reports (Organics) by the automatic placement of an “m” next to the sample result. For Ion Chromatography, the manual integrations are identified by the automatic placement of “manipulated” or "manually integrated" in the upper left corner of the chromatogram (Hexavalent Chromium) or “M” by the result in the “Type” column (anions). The reason for the manual integration is noted on the “after” chromatogram, which is found with the original chromatogram and quantitation report. All integrations follow the lab SOP ADM-INT “Manual Integration.”

Sample Receipt:

Ten water samples were received for analysis at ALS Environmental on 10/05/2024. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

Approved by Meghan Pedro Date 10/11/2024

SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: MW-2			Lab ID: R2409958-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Antimony, Total	0.2	J	0.2	1.0	ug/L	200.8
Arsenic, Total	6.5		0.4	1.0	ug/L	200.8
Beryllium	0.09	J	0.08	1.0	ug/L	200.8
Chromium, Total	13.1		0.6	2.0	ug/L	200.8
Copper, Total	17.6		0.7	1.0	ug/L	200.8
Lead, Total	4.9		0.2	1.0	ug/L	200.8
Nickel, Total	10.7		0.5	1.0	ug/L	200.8
Zinc, Total	29.4		2.5	5.0	ug/L	200.8

CLIENT ID: MW-3			Lab ID: R2409958-004			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Antimony, Total	0.2	J	0.2	1.0	ug/L	200.8
Arsenic, Total	1.1		0.4	1.0	ug/L	200.8
Copper, Total	1.6		0.7	1.0	ug/L	200.8
Nickel, Total	2.4		0.5	1.0	ug/L	200.8

CLIENT ID: MW-6			Lab ID: R2409958-008			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Antimony, Total	2.0		0.2	1.0	ug/L	200.8
Arsenic, Total	13.2		0.4	1.0	ug/L	200.8
Beryllium	1.0		0.08	1.0	ug/L	200.8
Chromium, Total	23.7		1.2	4.0	ug/L	200.8
Copper, Total	51.2		0.7	1.0	ug/L	200.8
Lead, Total	231		0.2	1.0	ug/L	200.8
Nickel, Total	23.7		0.5	1.0	ug/L	200.8
Selenium, Total	3.2		0.6	2.0	ug/L	200.8
Thallium, Total	0.2	J	0.04	1.0	ug/L	200.8
Zinc, Total	96.3		2.5	5.0	ug/L	200.8

CLIENT ID: MW-1			Lab ID: R2409958-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Total	4.1		0.4	1.0	ug/L	200.8
Chromium, Total	0.6	J	0.6	2.0	ug/L	200.8
Nickel, Total	1.5		0.5	1.0	ug/L	200.8

CLIENT ID: DUP-1			Lab ID: R2409958-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Total	3.6		0.4	1.0	ug/L	200.8
Chromium, Total	0.7	J	0.6	2.0	ug/L	200.8
Nickel, Total	1.5		0.5	1.0	ug/L	200.8

SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: MW-4			Lab ID: R2409958-007			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Total	2.1		0.4	1.0	ug/L	200.8
Copper, Total	1.3		0.7	1.0	ug/L	200.8
Lead, Total	3.5		0.2	1.0	ug/L	200.8
Nickel, Total	1.0		0.5	1.0	ug/L	200.8
Zinc, Total	5.4		2.5	5.0	ug/L	200.8

CLIENT ID: MW-8			Lab ID: R2409958-009			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Total	0.7	J	0.4	1.0	ug/L	200.8
Chromium, Total	1.8	J	0.6	2.0	ug/L	200.8
Copper, Total	1.8		0.7	1.0	ug/L	200.8
Lead, Total	0.8	J	0.2	1.0	ug/L	200.8
Nickel, Total	2.5		0.5	1.0	ug/L	200.8
Zinc, Total	4.6	J	2.5	5.0	ug/L	200.8

CLIENT ID: MW-5			Lab ID: R2409958-005			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Chromium, Total	0.8	J	0.6	2.0	ug/L	200.8
Copper, Total	0.8	J	0.7	1.0	ug/L	200.8
Lead, Total	0.7	J	0.2	1.0	ug/L	200.8
Nickel, Total	1.1		0.5	1.0	ug/L	200.8
Selenium, Total	4.3		0.6	2.0	ug/L	200.8
Zinc, Total	8.0		2.5	5.0	ug/L	200.8

CLIENT ID: Rinsate Blank 2			Lab ID: R2409958-010			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Copper, Total	1.1		0.7	1.0	ug/L	200.8
Zinc, Total	4.2	J	2.5	5.0	ug/L	200.8

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2409958-001	MW-1	9/26/2024	1030
R2409958-002	DUP-1	9/26/2024	0001
R2409958-003	MW-2	9/26/2024	1315
R2409958-004	MW-3	9/26/2024	1100
R2409958-005	MW-5	9/26/2024	1400
R2409958-006	Rinsate Blank 1	9/26/2024	1330
R2409958-007	MW-4	9/27/2024	1210
R2409958-008	MW-6	9/27/2024	1020
R2409958-009	MW-8	9/27/2024	1110
R2409958-010	Rinsate Blank 2	9/27/2024	1230

YORK
Analytical Laboratories, Inc.

10/4/2024

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 24I1810

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

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

SENDING LABORATORY:

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

RECEIVING LABORATORY:

ALS-Rochester
1565 W Jefferson Rd Suite 360,
Rochester,, NY 14623
Phone :(000) 000-0000
Fax:

York Ref: 24I1810-01

Sample ID: MW-1 Matrix: Water Date Sampled : 09/26/2024 10:30

Analysis Needed	Date Due	Holding Time Expires	Comments
Metals, Priority Pollutant-Low Level	10/08/2024 19:00	03/25/2025 10:30	Sb/As/Be/Cd/Cr/Cu/Pb/Ni/Se/Ag/Tl/Zn

Containers Supplied:

10_250mL Plastic pH <2 w/ HNO3 (H) 10_250mL Plastic pH <2 w/ HNO3 (Q) 10_250mL Plastic pH <2 w/ HNO3 (Z)

York Ref: 24I1810-02

Sample ID: DUP-1 Matrix: Water Date Sampled : 09/26/2024 00:01

Analysis Needed	Date Due	Holding Time Expires	Comments
Metals, Priority Pollutant-Low Level	10/08/2024 19:00	03/25/2025 00:01	Sb/As/Be/Cd/Cr/Cu/Pb/Ni/Se/Ag/Tl/Zn

Containers Supplied:

10_250mL Plastic pH <2 w/ HNO3 (I)

York Purchase Order No.: 24I1810 Samples from State of: NY

Deliverables required: NYSDEC ASP B Data Pkg DUE: 11/05/2024

EDDs required: NYSDEC + RegComp Table Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Tom Gabrielson	10/4/2024		
Released By York Sample Control	Date	Received By	Date
		[signature]	10/5/24 9:15
Received By	Date	Received in Subcontract Lab By	Date

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Invoicing 24I1810

YORK
Analytical Laboratories, Inc.

10/4/2024

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 24I1810

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

York Ref: 24I1810-03

Sample ID: MW-2 **Matrix: Water** **Date Sampled : 09/26/2024 13:15**

Analysis Needed	Date Due	Holding Time Expires	Comments
Metals, Priority Pollutant-Low Level	10/08/2024 19:00	03/25/2025 13:15	Sb/As/Be/Cd/Cr/Cu/Pb/Ni/Se/Ag/Tl/Zn

Containers Supplied:
10_250mL Plastic pH <2 w/ HNO3 (G)

York Ref: 24I1810-04

Sample ID: MW-3 **Matrix: Water** **Date Sampled : 09/26/2024 11:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
Metals, Priority Pollutant-Low Level	10/08/2024 19:00	03/25/2025 11:00	Sb/As/Be/Cd/Cr/Cu/Pb/Ni/Se/Ag/Tl/Zn

Containers Supplied:
10_250mL Plastic pH <2 w/ HNO3 (G)

York Ref: 24I1810-05

Sample ID: MW-5 **Matrix: Water** **Date Sampled : 09/26/2024 14:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
Metals, Priority Pollutant-Low Level	10/08/2024 19:00	03/25/2025 14:00	Sb/As/Be/Cd/Cr/Cu/Pb/Ni/Se/Ag/Tl/Zn

Containers Supplied:
10_250mL Plastic pH <2 w/ HNO3 (G)

York Purchase Order No.: 24I1810 Samples from State of: NY

Deliverables required: NYSDEC ASP B **Data Pkg DUE: 11/05/2024**

EDDs required: NYSDEC + RegComp Table **Special Info:**

Reporting level: MDL/LOD

Chain-of-Custody Information

Tom Gabrielson	10/4/2024			
Released By York Sample Control	Date	Received By	Date	
		Matt	10/5/24	9:15
Received By	Date	Received in Subcontract Lab By	Date	

YORK
Analytical Laboratories, Inc.

10/4/2024

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 24I1810

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

York Ref: 24I1810-06

Sample ID: Rinsate Blank 1 Matrix: Water Date Sampled : 09/26/2024 13:30

Analysis Needed	Date Due	Holding Time Expires	Comments
Metals, Priority Pollutant-Low Level	10/08/2024 19:00	03/25/2025 13:30	Sb/As/Be/Cd/Cr/Cu/Pb/Ni/Se/Ag/Tl/Zn

Containers Supplied:
10_250mL Plastic pH <2 w/ HNO3 (I)

York Ref: 24I1810-07

Sample ID: MW-4 Matrix: Water Date Sampled : 09/27/2024 12:10

Analysis Needed	Date Due	Holding Time Expires	Comments
Metals, Priority Pollutant-Low Level	10/08/2024 19:00	03/26/2025 12:10	Sb/As/Be/Cd/Cr/Cu/Pb/Ni/Se/Ag/Tl/Zn

Containers Supplied:
10_250mL Plastic pH <2 w/ HNO3 (G)

York Ref: 24I1810-08

Sample ID: MW-6 Matrix: Water Date Sampled : 09/27/2024 10:20

Analysis Needed	Date Due	Holding Time Expires	Comments
Metals, Priority Pollutant-Low Level	10/08/2024 19:00	03/26/2025 10:20	Sb/As/Be/Cd/Cr/Cu/Pb/Ni/Se/Ag/Tl/Zn

Containers Supplied:
10_250mL Plastic pH <2 w/ HNO3 (I)

York Purchase Order No.: 24I1810 Samples from State of: NY

Deliverables required: NYSDEC ASP B Data Pkg DUE: 11/05/2024

EDDs required: NYSDEC + RegComp Table Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Tom Gabrielson	10/4/2024		
Released By York Sample Control	Date	Received By	Date
			10/5/24 9:15
Received By	Date	Received in Subcontract Lab By	Date

YORK
Analytical Laboratories, Inc.

10/4/2024

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 24I1810

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

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

York Ref: 24I1810-09

Sample ID: MW-8 Matrix: Water Date Sampled : 09/27/2024 11:10

Analysis Needed	Date Due	Holding Time Expires	Comments
Metals, Priority Pollutant-Low Level	10/08/2024 19:00	03/26/2025 11:10	Sb/As/Be/Cd/Cr/Cu/Pb/Ni/Se/Ag/Tl/Zn

Containers Supplied:
10_250mL Plastic pH <2 w/ HNO3 (G)

York Ref: 24I1810-10

Sample ID: Rinsate Blank 2 Matrix: Water Date Sampled : 09/27/2024 12:30

Analysis Needed	Date Due	Holding Time Expires	Comments
Metals, Priority Pollutant-Low Level	10/08/2024 19:00	03/26/2025 12:30	Sb/As/Be/Cd/Cr/Cu/Pb/Ni/Se/Ag/Tl/Zn

Containers Supplied:
10_250mL Plastic pH <2 w/ HNO3 (I)

York Purchase Order No.: 24I1810 Samples from State of: NY

Deliverables required: NYSDEC ASP B Data Pkg DUE: 11/05/2024

EDDs required: NYSDEC + RegComp Table Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Tom Gabrielson	10/4/2024		
Released By York Sample Control	Date	Received By	Date
			10/5/24 9:15
Received By	Date	Received in Subcontract Lab By	Date

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Invoicing 2411810

Cooler Receipt and Preservation Check Form

Project/Client York Folder Number

Cooler received on 10/5/24 by: MM COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	Y N		5a	Did **VOA** vials have sig* **bubbles?**	Y N NA
2	**Custody papers** properly completed (ink, signed)?	Y N		5b	Sig* bubbles: **Alk?** Y N NA **Sulfide?**	Y N NA
3	Did all bottles arrive in good **condition** (unbroken)?	Y N		6	Where did the bottles originate? ALS/ROC	CLIENT
4	Circle: Wet Ice Dry Ice Gel packs present?	Y N		7	Soil VOA received as: Bulk Encore 5035set	NA

8. Temperature Readings Date: 10/5/24 Time: 10:36 ID: IR#12 IR#11 From: Temp Blank Sample Bottle

Temp (°C)	0.8						
Within 0-6°C?	Y N	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: Ice melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: Standing Approval Client aware at drop-off Client notified by:

All samples held in storage location: Floor by MM on 10/5/24 at 10:42
5035 samples placed in storage location: by on at within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 10/7/24 Time: 1252 by: RDA

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES NO
10. Did all bottle labels and tags agree with custody papers? YES NO
11. Were correct containers used for the tests indicated? YES NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO N/A
13. Were dissolved metals filtered in the field? YES NO N/A
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated N/A

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2	240324	HNO_3	✓		24A-1562011					
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-			**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).			
		HCl	**	**						

Bottle lot numbers: Q3045015

Explain all Discrepancies/ Other Comments:

* MW-6 stated ME-6 on the bottle

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: RDA *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: York Analytical Laboratories, Inc. **Service Request:** R2409958
Project: 24I1810/

Sample Name: MW-1 **Date Collected:** 09/26/24
Lab Code: R2409958-001 **Date Received:** 10/5/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8	CDISTEFANO	NMANSEN

Sample Name: DUP-1 **Date Collected:** 09/26/24
Lab Code: R2409958-002 **Date Received:** 10/5/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8	CDISTEFANO	NMANSEN

Sample Name: MW-2 **Date Collected:** 09/26/24
Lab Code: R2409958-003 **Date Received:** 10/5/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8	CDISTEFANO	NMANSEN

Sample Name: MW-3 **Date Collected:** 09/26/24
Lab Code: R2409958-004 **Date Received:** 10/5/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8	CDISTEFANO	NMANSEN

Sample Name: MW-5 **Date Collected:** 09/26/24
Lab Code: R2409958-005 **Date Received:** 10/5/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8	CDISTEFANO	NMANSEN

Client: York Analytical Laboratories, Inc. **Service Request:** R2409958
Project: 24I1810/

Sample Name: Rinsate Blank 1 **Date Collected:** 09/26/24
Lab Code: R2409958-006 **Date Received:** 10/5/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8	CDISTEFANO	NMANSEN

Sample Name: MW-4 **Date Collected:** 09/27/24
Lab Code: R2409958-007 **Date Received:** 10/5/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8	CDISTEFANO	NMANSEN

Sample Name: MW-6 **Date Collected:** 09/27/24
Lab Code: R2409958-008 **Date Received:** 10/5/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8	CDISTEFANO	NMANSEN

Sample Name: MW-8 **Date Collected:** 09/27/24
Lab Code: R2409958-009 **Date Received:** 10/5/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8	CDISTEFANO	NMANSEN

Sample Name: Rinsate Blank 2 **Date Collected:** 09/27/24
Lab Code: R2409958-010 **Date Received:** 10/5/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8	CDISTEFANO	NMANSEN

PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

INORGANIC

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C or 6010D	3005A/3010A
6020A or 6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C or 6010D	3050B
6020A or 6020B	3050B
6010C or 6010D TCLP (1311) extract	3005A/3010A
6010C or 6010D SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

ORGANIC

Preparation Methods for Organic methods are listed in the header of the Results pages.

Regarding "Bulk/5035A":
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Metals

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client:	York Analytical Laboratories, Inc.	**Service Request:**	R2409958
Project:	24I1810	**Date Collected:**	09/26/24 10:30
Sample Matrix:	Water	**Date Received:**	10/05/24 09:15
Sample Name:	MW-1	**Basis:**	NA
Lab Code:	R2409958-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:13	10/07/24	
Arsenic, Total	200.8	**4.1**	ug/L	1.0	0.4	1	10/08/24 16:13	10/07/24	
Beryllium	200.8	0.08 U	ug/L	1.0	0.08	1	10/08/24 16:13	10/07/24	
Cadmium, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:13	10/07/24	
Chromium, Total	200.8	**0.6 J**	ug/L	2.0	0.6	1	10/08/24 16:13	10/07/24	
Copper, Total	200.8	0.7 U	ug/L	1.0	0.7	1	10/08/24 16:13	10/07/24	
Lead, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:13	10/07/24	
Nickel, Total	200.8	**1.5**	ug/L	1.0	0.5	1	10/08/24 16:13	10/07/24	
Selenium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/08/24 16:13	10/07/24	
Silver, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/08/24 16:13	10/07/24	
Thallium, Total	200.8	0.04 U	ug/L	1.0	0.04	1	10/08/24 16:13	10/07/24	
Zinc, Total	200.8	2.5 U	ug/L	5.0	2.5	1	10/08/24 16:13	10/07/24	

Client:	York Analytical Laboratories, Inc.	**Service Request:**	R2409958
Project:	24I1810	**Date Collected:**	09/26/24 00:01
Sample Matrix:	Water	**Date Received:**	10/05/24 09:15
Sample Name:	DUP-1	**Basis:**	NA
Lab Code:	R2409958-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:23	10/07/24	
Arsenic, Total	200.8	**3.6**	ug/L	1.0	0.4	1	10/08/24 16:23	10/07/24	
Beryllium	200.8	0.08 U	ug/L	1.0	0.08	1	10/08/24 16:23	10/07/24	
Cadmium, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:23	10/07/24	
Chromium, Total	200.8	**0.7 J**	ug/L	2.0	0.6	1	10/08/24 16:23	10/07/24	
Copper, Total	200.8	0.7 U	ug/L	1.0	0.7	1	10/08/24 16:23	10/07/24	
Lead, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:23	10/07/24	
Nickel, Total	200.8	**1.5**	ug/L	1.0	0.5	1	10/08/24 16:23	10/07/24	
Selenium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/08/24 16:23	10/07/24	
Silver, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/08/24 16:23	10/07/24	
Thallium, Total	200.8	0.04 U	ug/L	1.0	0.04	1	10/08/24 16:23	10/07/24	
Zinc, Total	200.8	2.5 U	ug/L	5.0	2.5	1	10/08/24 16:23	10/07/24	

Client:	York Analytical Laboratories, Inc.	**Service Request:**	R2409958
Project:	24I1810	**Date Collected:**	09/26/24 13:15
Sample Matrix:	Water	**Date Received:**	10/05/24 09:15
Sample Name:	MW-2	**Basis:**	NA
Lab Code:	R2409958-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total	200.8	**0.2 J**	ug/L	1.0	0.2	1	10/09/24 14:09	10/08/24	
Arsenic, Total	200.8	**6.5**	ug/L	1.0	0.4	1	10/09/24 14:09	10/08/24	
Beryllium	200.8	**0.09 J**	ug/L	1.0	0.08	1	10/10/24 13:36	10/08/24	
Cadmium, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/09/24 14:09	10/08/24	
Chromium, Total	200.8	**13.1**	ug/L	2.0	0.6	1	10/09/24 14:09	10/08/24	
Copper, Total	200.8	**17.6**	ug/L	1.0	0.7	1	10/09/24 14:09	10/08/24	
Lead, Total	200.8	**4.9**	ug/L	1.0	0.2	1	10/09/24 14:09	10/08/24	
Nickel, Total	200.8	**10.7**	ug/L	1.0	0.5	1	10/09/24 14:09	10/08/24	
Selenium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/09/24 14:09	10/08/24	
Silver, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/09/24 14:09	10/08/24	
Thallium, Total	200.8	0.04 U	ug/L	1.0	0.04	1	10/09/24 14:09	10/08/24	
Zinc, Total	200.8	**29.4**	ug/L	5.0	2.5	1	10/09/24 14:09	10/08/24	

Client:	York Analytical Laboratories, Inc.	**Service Request:**	R2409958
Project:	24I1810	**Date Collected:**	09/26/24 11:00
Sample Matrix:	Water	**Date Received:**	10/05/24 09:15
Sample Name:	MW-3	**Basis:**	NA
Lab Code:	R2409958-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total	200.8	**0.2 J**	ug/L	1.0	0.2	1	10/08/24 16:24	10/07/24	
Arsenic, Total	200.8	**1.1**	ug/L	1.0	0.4	1	10/08/24 16:24	10/07/24	
Beryllium	200.8	0.08 U	ug/L	1.0	0.08	1	10/08/24 16:24	10/07/24	
Cadmium, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:24	10/07/24	
Chromium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/08/24 16:24	10/07/24	
Copper, Total	200.8	**1.6**	ug/L	1.0	0.7	1	10/08/24 16:24	10/07/24	
Lead, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:24	10/07/24	
Nickel, Total	200.8	**2.4**	ug/L	1.0	0.5	1	10/08/24 16:24	10/07/24	
Selenium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/08/24 16:24	10/07/24	
Silver, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/08/24 16:24	10/07/24	
Thallium, Total	200.8	0.04 U	ug/L	1.0	0.04	1	10/08/24 16:24	10/07/24	
Zinc, Total	200.8	2.5 U	ug/L	5.0	2.5	1	10/08/24 16:24	10/07/24	

Client:	York Analytical Laboratories, Inc.	**Service Request:**	R2409958
Project:	24I1810	**Date Collected:**	09/26/24 14:00
Sample Matrix:	Water	**Date Received:**	10/05/24 09:15
Sample Name:	MW-5	**Basis:**	NA
Lab Code:	R2409958-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:26	10/07/24	
Arsenic, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/08/24 16:26	10/07/24	
Beryllium	200.8	0.08 U	ug/L	1.0	0.08	1	10/08/24 16:26	10/07/24	
Cadmium, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:26	10/07/24	
Chromium, Total	200.8	**0.8 J**	ug/L	2.0	0.6	1	10/08/24 16:26	10/07/24	
Copper, Total	200.8	**0.8 J**	ug/L	1.0	0.7	1	10/08/24 16:26	10/07/24	
Lead, Total	200.8	**0.7 J**	ug/L	1.0	0.2	1	10/08/24 16:26	10/07/24	
Nickel, Total	200.8	**1.1**	ug/L	1.0	0.5	1	10/08/24 16:26	10/07/24	
Selenium, Total	200.8	**4.3**	ug/L	2.0	0.6	1	10/08/24 16:26	10/07/24	
Silver, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/08/24 16:26	10/07/24	
Thallium, Total	200.8	0.04 U	ug/L	1.0	0.04	1	10/08/24 16:26	10/07/24	
Zinc, Total	200.8	**8.0**	ug/L	5.0	2.5	1	10/08/24 16:26	10/07/24	

Client:	York Analytical Laboratories, Inc.	**Service Request:**	R2409958
Project:	24I1810	**Date Collected:**	09/26/24 13:30
Sample Matrix:	Water	**Date Received:**	10/05/24 09:15
Sample Name:	Rinsate Blank 1	**Basis:**	NA
Lab Code:	R2409958-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:32	10/07/24	
Arsenic, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/08/24 16:32	10/07/24	
Beryllium	200.8	0.08 U	ug/L	1.0	0.08	1	10/08/24 16:32	10/07/24	
Cadmium, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:32	10/07/24	
Chromium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/09/24 13:40	10/07/24	
Copper, Total	200.8	0.7 U	ug/L	1.0	0.7	1	10/08/24 16:32	10/07/24	
Lead, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:32	10/07/24	
Nickel, Total	200.8	0.5 U	ug/L	1.0	0.5	1	10/08/24 16:32	10/07/24	
Selenium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/08/24 16:32	10/07/24	
Silver, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/08/24 16:32	10/07/24	
Thallium, Total	200.8	0.04 U	ug/L	1.0	0.04	1	10/08/24 16:32	10/07/24	
Zinc, Total	200.8	2.5 U	ug/L	5.0	2.5	1	10/08/24 16:32	10/07/24	

Client:	York Analytical Laboratories, Inc.	**Service Request:**	R2409958
Project:	24I1810	**Date Collected:**	09/27/24 12:10
Sample Matrix:	Water	**Date Received:**	10/05/24 09:15
Sample Name:	MW-4	**Basis:**	NA
Lab Code:	R2409958-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:34	10/07/24	
Arsenic, Total	200.8	**2.1**	ug/L	1.0	0.4	1	10/09/24 13:42	10/07/24	
Beryllium	200.8	0.08 U	ug/L	1.0	0.08	1	10/08/24 16:34	10/07/24	
Cadmium, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:34	10/07/24	
Chromium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/09/24 13:42	10/07/24	
Copper, Total	200.8	**1.3**	ug/L	1.0	0.7	1	10/08/24 16:34	10/07/24	
Lead, Total	200.8	**3.5**	ug/L	1.0	0.2	1	10/08/24 16:34	10/07/24	
Nickel, Total	200.8	**1.0**	ug/L	1.0	0.5	1	10/08/24 16:34	10/07/24	
Selenium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/08/24 16:34	10/07/24	
Silver, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/08/24 16:34	10/07/24	
Thallium, Total	200.8	0.04 U	ug/L	1.0	0.04	1	10/08/24 16:34	10/07/24	
Zinc, Total	200.8	**5.4**	ug/L	5.0	2.5	1	10/08/24 16:34	10/07/24	

Client:	York Analytical Laboratories, Inc.	**Service Request:**	R2409958
Project:	24I1810	**Date Collected:**	09/27/24 10:20
Sample Matrix:	Water	**Date Received:**	10/05/24 09:15
Sample Name:	MW-6	**Basis:**	NA
Lab Code:	R2409958-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total	200.8	**2.0**	ug/L	1.0	0.2	1	10/08/24 16:36	10/07/24	
Arsenic, Total	200.8	**13.2**	ug/L	1.0	0.4	1	10/08/24 16:36	10/07/24	
Beryllium	200.8	**1.0**	ug/L	1.0	0.08	1	10/08/24 16:36	10/07/24	
Cadmium, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:36	10/07/24	
Chromium, Total	200.8	**23.7**	ug/L	4.0	1.2	2	10/09/24 13:44	10/07/24	
Copper, Total	200.8	**51.2**	ug/L	1.0	0.7	1	10/08/24 16:36	10/07/24	
Lead, Total	200.8	**231**	ug/L	1.0	0.2	1	10/08/24 16:36	10/07/24	
Nickel, Total	200.8	**23.7**	ug/L	1.0	0.5	1	10/08/24 16:36	10/07/24	
Selenium, Total	200.8	**3.2**	ug/L	2.0	0.6	1	10/08/24 16:36	10/07/24	
Silver, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/08/24 16:36	10/07/24	
Thallium, Total	200.8	**0.2 J**	ug/L	1.0	0.04	1	10/08/24 16:36	10/07/24	
Zinc, Total	200.8	**96.3**	ug/L	5.0	2.5	1	10/08/24 16:36	10/07/24	

Client:	York Analytical Laboratories, Inc.	**Service Request:**	R2409958
Project:	24I1810	**Date Collected:**	09/27/24 11:10
Sample Matrix:	Water	**Date Received:**	10/05/24 09:15
Sample Name:	MW-8	**Basis:**	NA
Lab Code:	R2409958-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:38	10/07/24	
Arsenic, Total	200.8	**0.7 J**	ug/L	1.0	0.4	1	10/08/24 16:38	10/07/24	
Beryllium	200.8	0.08 U	ug/L	1.0	0.08	1	10/08/24 16:38	10/07/24	
Cadmium, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:38	10/07/24	
Chromium, Total	200.8	**1.8 J**	ug/L	2.0	0.6	1	10/09/24 13:48	10/07/24	
Copper, Total	200.8	**1.8**	ug/L	1.0	0.7	1	10/08/24 16:38	10/07/24	
Lead, Total	200.8	**0.8 J**	ug/L	1.0	0.2	1	10/08/24 16:38	10/07/24	
Nickel, Total	200.8	**2.5**	ug/L	1.0	0.5	1	10/08/24 16:38	10/07/24	
Selenium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/08/24 16:38	10/07/24	
Silver, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/08/24 16:38	10/07/24	
Thallium, Total	200.8	0.04 U	ug/L	1.0	0.04	1	10/08/24 16:38	10/07/24	
Zinc, Total	200.8	**4.6 J**	ug/L	5.0	2.5	1	10/08/24 16:38	10/07/24	

Client:	York Analytical Laboratories, Inc.	**Service Request:**	R2409958
Project:	24I1810	**Date Collected:**	09/27/24 12:30
Sample Matrix:	Water	**Date Received:**	10/05/24 09:15
Sample Name:	Rinsate Blank 2	**Basis:**	NA
Lab Code:	R2409958-010		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:40	10/07/24	
Arsenic, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/08/24 16:40	10/07/24	
Beryllium	200.8	0.08 U	ug/L	1.0	0.08	1	10/08/24 16:40	10/07/24	
Cadmium, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:40	10/07/24	
Chromium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/09/24 13:50	10/07/24	
Copper, Total	200.8	**1.1**	ug/L	1.0	0.7	1	10/08/24 16:40	10/07/24	
Lead, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:40	10/07/24	
Nickel, Total	200.8	0.5 U	ug/L	1.0	0.5	1	10/08/24 16:40	10/07/24	
Selenium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/08/24 16:40	10/07/24	
Silver, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/08/24 16:40	10/07/24	
Thallium, Total	200.8	0.04 U	ug/L	1.0	0.04	1	10/08/24 16:40	10/07/24	
Zinc, Total	200.8	**4.2 J**	ug/L	5.0	2.5	1	10/08/24 16:40	10/07/24	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Metals

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client:	York Analytical Laboratories, Inc.	**Service Request:**	R2409958
Project:	24I1810	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	R2409958-MB1		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:09	10/07/24	
Arsenic, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/08/24 16:09	10/07/24	
Beryllium	200.8	0.08 U	ug/L	1.0	0.08	1	10/08/24 16:09	10/07/24	
Cadmium, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:09	10/07/24	
Chromium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/08/24 16:09	10/07/24	
Copper, Total	200.8	0.7 U	ug/L	1.0	0.7	1	10/08/24 16:09	10/07/24	
Lead, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/08/24 16:09	10/07/24	
Nickel, Total	200.8	0.5 U	ug/L	1.0	0.5	1	10/08/24 16:09	10/07/24	
Selenium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/08/24 16:09	10/07/24	
Silver, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/08/24 16:09	10/07/24	
Thallium, Total	200.8	0.04 U	ug/L	1.0	0.04	1	10/08/24 16:09	10/07/24	
Zinc, Total	200.8	2.5 U	ug/L	5.0	2.5	1	10/08/24 16:09	10/07/24	

Client:	York Analytical Laboratories, Inc.	**Service Request:**	R2409958
Project:	24I1810	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	R2409958-MB2		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/09/24 13:56	10/08/24	
Arsenic, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/09/24 13:56	10/08/24	
Beryllium	200.8	0.08 U	ug/L	1.0	0.08	1	10/10/24 13:30	10/08/24	
Cadmium, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/09/24 13:56	10/08/24	
Chromium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/09/24 13:56	10/08/24	
Copper, Total	200.8	0.7 U	ug/L	1.0	0.7	1	10/09/24 13:56	10/08/24	
Lead, Total	200.8	0.2 U	ug/L	1.0	0.2	1	10/09/24 13:56	10/08/24	
Nickel, Total	200.8	0.5 U	ug/L	1.0	0.5	1	10/09/24 13:56	10/08/24	
Selenium, Total	200.8	0.6 U	ug/L	2.0	0.6	1	10/09/24 13:56	10/08/24	
Silver, Total	200.8	0.4 U	ug/L	1.0	0.4	1	10/09/24 13:56	10/08/24	
Thallium, Total	200.8	0.04 U	ug/L	1.0	0.04	1	10/09/24 13:56	10/08/24	
Zinc, Total	200.8	2.5 U	ug/L	5.0	2.5	1	10/09/24 13:56	10/08/24	

Client: York Analytical Laboratories, Inc.
Project: 24I1810
Sample Matrix: Water

Service Request:R2409958
Date Collected:09/26/24
Date Received:10/05/24
Date Analyzed:10/8/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: MW-1
Lab Code: R2409958-001

Units:ug/L
Basis:NA

			Matrix Spike R2409958-001MS			Duplicate Matrix Spike R2409958-001DMS					
Analyte Name	**Method**	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Antimony, Total	200.8	0.2 U	21.0	20.0	105	21.5	20.0	108	70-130	2	20
Arsenic, Total	200.8	4.1	25.1	20.0	105	25.4	20.0	106	70-130	1	20
Beryllium	200.8	0.08 U	20.6	20.0	103	20.9	20.0	104	70-130	1	20
Cadmium, Total	200.8	0.2 U	18.7	20.0	93	19.1	20.0	96	70-130	2	20
Chromium, Total	200.8	0.6 J	20.3	20.0	98	20.9	20.0	101	70-130	3	20
Copper, Total	200.8	0.7 U	19.7	20.0	98	20.5	20.0	102	70-130	4	20
Lead, Total	200.8	0.2 U	19.1	20.0	96	18.9	20.0	94	70-130	1	20
Nickel, Total	200.8	1.5	20.5	20.0	95	21.3	20.0	99	70-130	4	20
Selenium, Total	200.8	0.6 U	21.5	20.0	107	22.4	20.0	112	70-130	4	20
Silver, Total	200.8	0.4 U	18.1	20.0	91	18.5	20.0	93	70-130	2	20
Thallium, Total	200.8	0.04 U	19.5	20.0	98	19.1	20.0	96	70-130	2	20
Zinc, Total	200.8	2.5 U	20.0	20.0	100	20.5	20.0	103	70-130	3	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Analytical Report

Client:	York Analytical Laboratories, Inc.	**Service Request:**	R2409958
Project:	24I1810	**Date Collected:**	09/26/24 10:30
Sample Matrix:	Water	**Date Received:**	10/05/24 09:15
Sample Name:	MW-1	**Basis:**	NA
Lab Code:	RQ2412773-09		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Antimony, Total	200.8	**18.2**	ug/L	1.0	0.2	1	10/08/24 16:19	
Arsenic, Total	200.8	**22.4**	ug/L	1.0	0.4	1	10/08/24 16:19	
Beryllium	200.8	**18.0**	ug/L	1.0	0.08	1	10/08/24 16:19	
Cadmium, Total	200.8	**16.7**	ug/L	1.0	0.2	1	10/08/24 16:19	
Chromium, Total	200.8	**17.7**	ug/L	2.0	0.6	1	10/08/24 16:19	
Copper, Total	200.8	**17.3**	ug/L	1.0	0.7	1	10/08/24 16:19	
Lead, Total	200.8	**16.9**	ug/L	1.0	0.2	1	10/08/24 16:19	
Nickel, Total	200.8	**18.1**	ug/L	1.0	0.5	1	10/08/24 16:19	
Selenium, Total	200.8	**19.3**	ug/L	2.0	0.6	1	10/08/24 16:19	
Silver, Total	200.8	**15.6**	ug/L	1.0	0.4	1	10/08/24 16:19	
Thallium, Total	200.8	**17.1**	ug/L	1.0	0.04	1	10/08/24 16:19	
Zinc, Total	200.8	**22.1**	ug/L	5.0	2.5	1	10/08/24 16:19	

Client: York Analytical Laboratories, Inc. **Service Request:** R2409958
Project: 24I1810 **Date Analyzed:** 10/08/24
Sample Matrix: Water

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2409958-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Antimony, Total	200.8	21.1	20.0	106	85-115
Arsenic, Total	200.8	20.2	20.0	101	85-115
Beryllium	200.8	21.3	20.0	106	85-115
Cadmium, Total	200.8	20.3	20.0	101	85-115
Chromium, Total	200.8	19.5	20.0	97	85-115
Copper, Total	200.8	21.4	20.0	107	85-115
Lead, Total	200.8	20.5	20.0	102	85-115
Nickel, Total	200.8	20.8	20.0	104	85-115
Selenium, Total	200.8	21.6	20.0	108	85-115
Silver, Total	200.8	20.5	20.0	103	85-115
Thallium, Total	200.8	20.4	20.0	102	85-115
Zinc, Total	200.8	20.1	20.0	101	85-115

Client: York Analytical Laboratories, Inc.
Project: 24I1810
Sample Matrix: Water

Service Request: R2409958
Date Analyzed: 10/09/24 - 10/10/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2409958-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Antimony, Total	200.8	19.7	20.0	98	85-115
Arsenic, Total	200.8	19.3	20.0	97	85-115
Beryllium	200.8	19.3	20.0	97	85-115
Cadmium, Total	200.8	18.8	20.0	94	85-115
Chromium, Total	200.8	19.8	20.0	99	85-115
Copper, Total	200.8	19.7	20.0	99	85-115
Lead, Total	200.8	19.2	20.0	96	85-115
Nickel, Total	200.8	19.2	20.0	96	85-115
Selenium, Total	200.8	19.3	20.0	97	85-115
Silver, Total	200.8	19.3	20.0	96	85-115
Thallium, Total	200.8	19.4	20.0	97	85-115
Zinc, Total	200.8	19.1	20.0	96	85-115

Technical Report

prepared for:

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

Report Date: 10/14/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I1803

Report Date: 10/14/2024
Client Project ID: Remington Arms/HER1510.P2
York Project (SDG) No.: 24I1803

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 30, 2024 and listed below. The project was identified as your project: **Remington Arms/HER1510.P2**.

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
24I1803-01	Remington_IDW	Water	09/27/2024	09/30/2024

General Notes for York Project (SDG) No.: 24I1803

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

Approved By: 

Date: 10/14/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: Remington_IDW **York Sample ID:** 24I1803-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1803	Remington Arms/HER1510.P2	Water	September 27, 2024 12:10 pm	09/30/2024

Analyzed by: ALS-Rochester

Metals, Priority Pollutant-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1	1	EPA 6020B	10/07/2024 00:00	10/08/2024 15:22	
							Certifications:			
7440-38-2	**Arsenic**	**1.9**		ug/L	1	1	EPA 6020B	10/07/2024 00:00	10/08/2024 15:22	
							Certifications:			
7440-41-7	Beryllium	ND		ug/L	1	1	EPA 6020B	10/07/2024 00:00	10/08/2024 15:22	
							Certifications:			
7440-43-9	Cadmium	ND		ug/L	1	1	EPA 6020B	10/07/2024 00:00	10/08/2024 15:22	
							Certifications:			
7440-47-3	**Chromium**	**1**	Ja	ug/L	2	1	EPA 6020B	10/07/2024 00:00	10/08/2024 15:22	
							Certifications:			
7440-50-8	**Copper**	**1.1**		ug/L	1	1	EPA 6020B	10/07/2024 00:00	10/08/2024 15:22	
							Certifications:			
7439-92-1	**Lead**	**3.3**		ug/L	1	1	EPA 6020B	10/07/2024 00:00	10/08/2024 15:22	
							Certifications:			
7440-02-0	**Nickel**	**0.9**	Ja	ug/L	1	1	EPA 6020B	10/07/2024 00:00	10/08/2024 15:22	
							Certifications:			
7782-49-2	Selenium	ND		ug/L	2	1	EPA 6020B	10/07/2024 00:00	10/08/2024 15:22	
							Certifications:			
7440-22-4	Silver	ND		ug/L	1	1	EPA 6020B	10/07/2024 00:00	10/08/2024 15:22	
							Certifications:			
7440-28-0	Thallium	ND		ug/L	1	1	EPA 6020B	10/07/2024 00:00	10/08/2024 15:22	
							Certifications:			
7440-66-6	**Zinc**	**4**	Ja	ug/L	5	1	EPA 6020B	10/07/2024 00:00	10/08/2024 15:22	
							Certifications:			

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Remington_IDW** **York Sample ID:** **24I1803-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1803	Remington Arms/HER1510.P2	Water	September 27, 2024 12:10 pm	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND	QL-02	ug/L	0.272	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**120**		ug/L	3.10	5.00	10	EPA 8260D	10/01/2024 08:00	10/02/2024 16:04	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**3.92**		ug/L	0.421	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**3.70**	ICVE, QL-02	ug/L	1.34	2.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Remington_IDW** **York Sample ID:** **24I1803-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1803	Remington Arms/HER1510.P2	Water	September 27, 2024 12:10 pm	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND	QL-02	ug/L	0.243	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	**cis-1,2-Dichloroethylene**	**0.520**	QL-02	ug/L	0.294	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**117**		ug/L	4.91	5.00	10	EPA 8260D	10/01/2024 08:00	10/02/2024 16:04	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**1.08**		ug/L	0.290	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**19.7**		ug/L	0.405	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Remington_IDW** **York Sample ID:** **24I1803-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1803	Remington Arms/HER1510.P2	Water	September 27, 2024 12:10 pm	09/30/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	**Methylcyclohexane**	**20.6**		ug/L	0.477	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**20.2**		ug/L	0.399	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**66.5**		ug/L	0.384	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**5.66**		ug/L	0.377	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**19.1**		ug/L	0.444	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**0.370**		ug/L	0.367	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**2.00**		ug/L	0.249	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/01/2024 01:00	10/02/2024 02:30	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*130 %*	S-04, S-08	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*		*79-122*

Sample Information

Client Sample ID: **Remington_IDW** **York Sample ID:** **24I1803-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1803	Remington Arms/HER1510.P2	Water	September 27, 2024 12:10 pm	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Remington_IDW** **York Sample ID:** **24I1803-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1803	Remington Arms/HER1510.P2	Water	September 27, 2024 12:10 pm	09/30/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Remington_IDW** **York Sample ID:** **24I1803-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1803	Remington Arms/HER1510.P2	Water	September 27, 2024 12:10 pm	09/30/2024

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	ug/L	5.00	10.0	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	10/03/2024 08:43	10/04/2024 10:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*22.8 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*13.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*47.8 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*62.5 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.0 %*	*30.7-106*

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.160**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.150**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	**Anthracene**	**0.0700**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Remington_IDW **York Sample ID:** 24I1803-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1803	Remington Arms/HER1510.P2	Water	September 27, 2024 12:10 pm	09/30/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.290**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**4.69**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	**Phenanthrene**	**0.140**	ICVE, B	ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/03/2024 08:43	10/07/2024 17:25	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

PEST, 8081 MASTER

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	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Remington_IDW **York Sample ID:** 24I1803-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1803	Remington Arms/HER1510.P2	Water	September 27, 2024 12:10 pm	09/30/2024

PEST, 8081 MASTER

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
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	10/03/2024 08:16	10/03/2024 16:49	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*36.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.0 %*	*30-150*

Sample Information

Client Sample ID: **Remington_IDW** **York Sample ID:** **24I1803-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1803	Remington Arms/HER1510.P2	Water	September 27, 2024 12:10 pm	09/30/2024

PCB, 8082 MASTER

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	10/03/2024 08:16	10/04/2024 01:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	10/03/2024 08:16	10/04/2024 01:32	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	10/03/2024 08:42	10/03/2024 20:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	10/03/2024 08:42	10/03/2024 20:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	10/03/2024 08:42	10/03/2024 20:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*92.8 %*	*30-150*

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	10/01/2024 08:35	10/01/2024 08:35	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Remington_IDW **York Sample ID:** 24I1803-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1803	Remington Arms/HER1510.P2	Water	September 27, 2024 12:10 pm	09/30/2024

Corrosivity (pH) by SM 4500/EPA 9045D

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
7697-37-2	*** pH**	**8.21**	HT-pH	pH units	0.500	1	SM 4500 HB	10/01/2024 07:42	10/01/2024 16:05	PMB
							Certifications:			

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/L	0.0250	1	EPA SW-846 Ch.7.3.3	10/01/2024 14:43	10/01/2024 21:12	SL
							Certifications:			

Reactivity-Sulfide

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
	*** Reactivity - Sulfide**	**24.0**		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	10/01/2024 14:42	10/01/2024 21:14	SL
							Certifications: CTDOH-PH-0723,PADEP-68-04440			

Temperature

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
	*** Temperature**	**19.8**		°C	1.00	1	EPA 170.1	10/01/2024 07:42	10/01/2024 16:08	PMB
							Certifications:			

Flashpoint

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
	* Flashpoint	> 200		°F	50.0	1	EPA 1010A	10/03/2024 12:58	10/03/2024 18:15	MJD
							Certifications:			

Analytical Batch Summary

Batch ID: 10/8/2024 3:22:00 PM **Preparation Method:** EPA 3015A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
24I1803-01	Remington_IDW	10/07/24

Batch ID: BJ40007 **Preparation Method:** Analysis Preparation **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I1803-01	Remington_IDW	10/01/24

Batch ID: BJ40018 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24I1803-01	Remington_IDW	10/01/24
BJ40018-BLK1	Blank	10/01/24
BJ40018-BS1	LCS	10/01/24

Batch ID: BJ40053 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24I1803-01	Remington_IDW	10/01/24
BJ40053-BLK1	Blank	10/01/24
BJ40053-BS1	LCS	10/01/24
BJ40053-BSD1	LCS Dup	10/01/24

Batch ID: BJ40064 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24I1803-01	Remington_IDW	10/01/24
BJ40064-BLK1	Blank	10/01/24
BJ40064-DUP1	Duplicate	10/01/24

Batch ID: BJ40065 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24I1803-01	Remington_IDW	10/01/24
BJ40065-BLK1	Blank	10/01/24

Batch ID: BJ40109 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24I1803-01	Remington_IDW	10/02/24

Batch ID: BJ40118 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24I1803-01RE1	Remington_IDW	10/01/24
BJ40118-BLK1	Blank	10/02/24
BJ40118-BS1	LCS	10/02/24

Batch ID: BJ40200 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I1803-01	Remington_IDW	10/03/24
24I1803-01	Remington_IDW	10/03/24
BJ40200-BLK1	Blank	10/03/24
BJ40200-BLK2	Blank	10/03/24
BJ40200-BS1	LCS	10/03/24
BJ40200-BS2	LCS	10/03/24
BJ40200-BSD1	LCS Dup	10/03/24

Batch ID: BJ40211 **Preparation Method:** EPA 8151A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I1803-01	Remington_IDW	10/03/24
BJ40211-BLK1	Blank	10/03/24
BJ40211-BS1	LCS	10/03/24
BJ40211-BSD1	LCS Dup	10/03/24

Batch ID: BJ40212 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I1803-01	Remington_IDW	10/03/24
BJ40212-BLK1	Blank	10/03/24
BJ40212-BLK2	Blank	10/03/24
BJ40212-BS1	LCS	10/03/24
BJ40212-BS2	LCS	10/03/24

Batch ID: BJ40237 **Preparation Method:** Analysis Preparation **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
24I1803-01	Remington_IDW	10/03/24
BJ40237-SRM1	Reference	10/03/24

Batch ID: BJ40566 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I1803-01RE1	Remington_IDW	10/09/24
BJ40566-BLK2	Blank	10/09/24
BJ40566-BS2	LCS	10/09/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40053 - EPA 5030B											
Blank (BJ40053-BLK1)											Prepared & Analyzed: 10/01/2024
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	3.04	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40053 - EPA 5030B											
Blank (BJ40053-BLK1)								Prepared & Analyzed: 10/01/2024			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
LCS (BJ40053-BS1)								Prepared & Analyzed: 10/01/2024			
1,1,1,2-Tetrachloroethane	8.87		ug/L	10.0		88.7	82-126				
1,1,1-Trichloroethane	8.27		"	10.0		82.7	78-136				
1,1,2,2-Tetrachloroethane	9.54		"	10.0		95.4	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.00		"	10.0		80.0	54-165				
1,1,2-Trichloroethane	8.90		"	10.0		89.0	82-123				
1,1-Dichloroethane	8.08		"	10.0		80.8	82-129	Low Bias			
1,1-Dichloroethylene	8.44		"	10.0		84.4	68-138				
1,2,3-Trichlorobenzene	8.09		"	10.0		80.9	76-136				
1,2,3-Trichloropropane	9.01		"	10.0		90.1	77-128				
1,2,4-Trichlorobenzene	8.41		"	10.0		84.1	76-137				
1,2,4-Trimethylbenzene	8.86		"	10.0		88.6	82-132				
1,2-Dibromo-3-chloropropane	8.84		"	10.0		88.4	45-147				
1,2-Dibromoethane	8.87		"	10.0		88.7	83-124				
1,2-Dichlorobenzene	8.85		"	10.0		88.5	79-123				
1,2-Dichloroethane	8.29		"	10.0		82.9	73-132				
1,2-Dichloropropane	8.65		"	10.0		86.5	78-126				
1,3,5-Trimethylbenzene	8.66		"	10.0		86.6	80-131				
1,3-Dichlorobenzene	8.61		"	10.0		86.1	86-122				
1,4-Dichlorobenzene	8.62		"	10.0		86.2	85-124				
1,4-Dioxane	195		"	210		93.0	10-349				
2-Butanone	8.51		"	10.0		85.1	49-152				
2-Hexanone	7.87		"	10.0		78.7	51-146				
4-Methyl-2-pentanone	8.26		"	10.0		82.6	57-145				
Acetone	21.3		"	10.0		213	14-150	High Bias			
Acrolein	10.5		"	10.0		105	10-153				
Acrylonitrile	8.80		"	10.0		88.0	51-150				
Benzene	8.64		"	10.0		86.4	85-126				
Bromochloromethane	8.21		"	10.0		82.1	77-128				
Bromodichloromethane	8.69		"	10.0		86.9	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40053 - EPA 5030B											
LCS (BJ40053-BS1)								Prepared & Analyzed: 10/01/2024			
Bromoform	9.20		ug/L	10.0		92.0	78-133				
Bromomethane	11.3		"	10.0		113	43-168				
Carbon disulfide	9.60		"	10.0		96.0	68-146				
Carbon tetrachloride	8.59		"	10.0		85.9	77-141				
Chlorobenzene	8.69		"	10.0		86.9	88-120	Low Bias			
Chloroethane	9.39		"	10.0		93.9	65-136				
Chloroform	8.17		"	10.0		81.7	82-128	Low Bias			
Chloromethane	9.30		"	10.0		93.0	43-155				
cis-1,2-Dichloroethylene	8.06		"	10.0		80.6	83-129	Low Bias			
cis-1,3-Dichloropropylene	8.44		"	10.0		84.4	80-131				
Cyclohexane	8.73		"	10.0		87.3	63-149				
Dibromochloromethane	9.07		"	10.0		90.7	80-130				
Dibromomethane	8.68		"	10.0		86.8	72-134				
Dichlorodifluoromethane	12.9		"	10.0		129	44-144				
Ethyl Benzene	8.84		"	10.0		88.4	80-131				
Hexachlorobutadiene	7.44		"	10.0		74.4	67-146				
Isopropylbenzene	8.76		"	10.0		87.6	76-140				
Methyl acetate	7.31		"	10.0		73.1	51-139				
Methyl tert-butyl ether (MTBE)	7.89		"	10.0		78.9	76-135				
Methylcyclohexane	7.79		"	10.0		77.9	72-143				
Methylene chloride	11.9		"	10.0		119	55-137				
n-Butylbenzene	7.97		"	10.0		79.7	79-132				
n-Propylbenzene	9.11		"	10.0		91.1	78-133				
o-Xylene	8.56		"	10.0		85.6	78-130				
p- & m- Xylenes	18.0		"	20.0		90.0	77-133				
p-Isopropyltoluene	8.40		"	10.0		84.0	81-136				
sec-Butylbenzene	8.26		"	10.0		82.6	79-137				
Styrene	8.87		"	10.0		88.7	67-132				
tert-Butyl alcohol (TBA)	48.4		"	50.0		96.8	25-162				
tert-Butylbenzene	8.38		"	10.0		83.8	77-138				
Tetrachloroethylene	4.44		"	10.0		44.4	82-131	Low Bias			
Toluene	8.86		"	10.0		88.6	80-127				
trans-1,2-Dichloroethylene	8.21		"	10.0		82.1	80-132				
trans-1,3-Dichloropropylene	8.61		"	10.0		86.1	78-131				
Trichloroethylene	9.83		"	10.0		98.3	82-128				
Trichlorofluoromethane	9.46		"	10.0		94.6	67-139				
Vinyl Chloride	8.65		"	10.0		86.5	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.83*		*"*	*10.0*		*98.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40053 - EPA 5030B											
LCS Dup (BJ40053-BSD1)								Prepared & Analyzed: 10/01/2024			
1,1,1,2-Tetrachloroethane	9.14		ug/L	10.0		91.4	82-126		3.00	30	
1,1,1-Trichloroethane	8.30		"	10.0		83.0	78-136		0.362	30	
1,1,2,2-Tetrachloroethane	9.94		"	10.0		99.4	76-129		4.11	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.98		"	10.0		79.8	54-165		0.250	30	
1,1,2-Trichloroethane	9.09		"	10.0		90.9	82-123		2.11	30	
1,1-Dichloroethane	8.18		"	10.0		81.8	82-129	Low Bias	1.23	30	
1,1-Dichloroethylene	8.43		"	10.0		84.3	68-138		0.119	30	
1,2,3-Trichlorobenzene	8.48		"	10.0		84.8	76-136		4.71	30	
1,2,3-Trichloropropane	9.16		"	10.0		91.6	77-128		1.65	30	
1,2,4-Trichlorobenzene	8.65		"	10.0		86.5	76-137		2.81	30	
1,2,4-Trimethylbenzene	9.09		"	10.0		90.9	82-132		2.56	30	
1,2-Dibromo-3-chloropropane	9.13		"	10.0		91.3	45-147		3.23	30	
1,2-Dibromoethane	9.14		"	10.0		91.4	83-124		3.00	30	
1,2-Dichlorobenzene	9.10		"	10.0		91.0	79-123		2.79	30	
1,2-Dichloroethane	8.42		"	10.0		84.2	73-132		1.56	30	
1,2-Dichloropropane	8.86		"	10.0		88.6	78-126		2.40	30	
1,3,5-Trimethylbenzene	8.86		"	10.0		88.6	80-131		2.28	30	
1,3-Dichlorobenzene	8.89		"	10.0		88.9	86-122		3.20	30	
1,4-Dichlorobenzene	8.89		"	10.0		88.9	85-124		3.08	30	
1,4-Dioxane	201		"	210		95.9	10-349		3.04	30	
2-Butanone	8.56		"	10.0		85.6	49-152		0.586	30	
2-Hexanone	8.04		"	10.0		80.4	51-146		2.14	30	
4-Methyl-2-pentanone	8.50		"	10.0		85.0	57-145		2.86	30	
Acetone	21.5		"	10.0		215	14-150	High Bias	1.03	30	
Acrolein	10.6		"	10.0		106	10-153		1.33	30	
Acrylonitrile	8.87		"	10.0		88.7	51-150		0.792	30	
Benzene	8.72		"	10.0		87.2	85-126		0.922	30	
Bromochloromethane	8.35		"	10.0		83.5	77-128		1.69	30	
Bromodichloromethane	8.97		"	10.0		89.7	79-128		3.17	30	
Bromoform	9.47		"	10.0		94.7	78-133		2.89	30	
Bromomethane	13.1		"	10.0		131	43-168		14.4	30	
Carbon disulfide	9.59		"	10.0		95.9	68-146		0.104	30	
Carbon tetrachloride	8.64		"	10.0		86.4	77-141		0.580	30	
Chlorobenzene	8.88		"	10.0		88.8	88-120		2.16	30	
Chloroethane	9.43		"	10.0		94.3	65-136		0.425	30	
Chloroform	8.31		"	10.0		83.1	82-128		1.70	30	
Chloromethane	9.27		"	10.0		92.7	43-155		0.323	30	
cis-1,2-Dichloroethylene	8.14		"	10.0		81.4	83-129	Low Bias	0.988	30	
cis-1,3-Dichloropropylene	8.66		"	10.0		86.6	80-131		2.57	30	
Cyclohexane	8.65		"	10.0		86.5	63-149		0.921	30	
Dibromochloromethane	9.28		"	10.0		92.8	80-130		2.29	30	
Dibromomethane	8.82		"	10.0		88.2	72-134		1.60	30	
Dichlorodifluoromethane	13.0		"	10.0		130	44-144		0.772	30	
Ethyl Benzene	8.99		"	10.0		89.9	80-131		1.68	30	
Hexachlorobutadiene	7.70		"	10.0		77.0	67-146		3.43	30	
Isopropylbenzene	8.91		"	10.0		89.1	76-140		1.70	30	
Methyl acetate	7.45		"	10.0		74.5	51-139		1.90	30	
Methyl tert-butyl ether (MTBE)	7.98		"	10.0		79.8	76-135		1.13	30	
Methylcyclohexane	7.85		"	10.0		78.5	72-143		0.767	30	
Methylene chloride	12.0		"	10.0		120	55-137		0.669	30	
n-Butylbenzene	8.17		"	10.0		81.7	79-132		2.48	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40053 - EPA 5030B											
LCS Dup (BJ40053-BSD1)								Prepared & Analyzed: 10/01/2024			
n-Propylbenzene	9.24		ug/L	10.0		92.4	78-133		1.42	30	
o-Xylene	8.76		"	10.0		87.6	78-130		2.31	30	
p- & m- Xylenes	18.2		"	20.0		91.2	77-133		1.33	30	
p-Isopropyltoluene	8.62		"	10.0		86.2	81-136		2.59	30	
sec-Butylbenzene	8.38		"	10.0		83.8	79-137		1.44	30	
Styrene	9.07		"	10.0		90.7	67-132		2.23	30	
tert-Butyl alcohol (TBA)	49.8		"	50.0		99.5	25-162		2.73	30	
tert-Butylbenzene	8.57		"	10.0		85.7	77-138		2.24	30	
Tetrachloroethylene	4.46		"	10.0		44.6	82-131	Low Bias	0.449	30	
Toluene	9.02		"	10.0		90.2	80-127		1.79	30	
trans-1,2-Dichloroethylene	8.29		"	10.0		82.9	80-132		0.970	30	
trans-1,3-Dichloropropylene	8.82		"	10.0		88.2	78-131		2.41	30	
Trichloroethylene	10.0		"	10.0		100	82-128		2.01	30	
Trichlorofluoromethane	9.47		"	10.0		94.7	67-139		0.106	30	
Vinyl Chloride	8.60		"	10.0		86.0	58-145		0.580	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.96*		*"*	*10.0*		*99.6*	*79-122*				
Batch BJ40118 - EPA 5030B											
Blank (BJ40118-BLK1)								Prepared & Analyzed: 10/02/2024			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40118 - EPA 5030B											
Blank (BJ40118-BLK1)									Prepared & Analyzed: 10/02/2024		
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	0.600	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40118 - EPA 5030B											
LCS (BJ40118-BS1)								Prepared & Analyzed: 10/02/2024			
1,1,1,2-Tetrachloroethane	8.68		ug/L	10.0		86.8	82-126				
1,1,1-Trichloroethane	8.12		"	10.0		81.2	78-136				
1,1,2,2-Tetrachloroethane	12.0		"	10.0		120	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.57		"	10.0		75.7	54-165				
1,1,2-Trichloroethane	10.0		"	10.0		100	82-123				
1,1-Dichloroethane	8.47		"	10.0		84.7	82-129				
1,1-Dichloroethylene	8.49		"	10.0		84.9	68-138				
1,2,3-Trichlorobenzene	8.08		"	10.0		80.8	76-136				
1,2,3-Trichloropropane	9.97		"	10.0		99.7	77-128				
1,2,4-Trichlorobenzene	8.07		"	10.0		80.7	76-137				
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132				
1,2-Dibromo-3-chloropropane	9.51		"	10.0		95.1	45-147				
1,2-Dibromoethane	10.2		"	10.0		102	83-124				
1,2-Dichlorobenzene	9.50		"	10.0		95.0	79-123				
1,2-Dichloroethane	9.89		"	10.0		98.9	73-132				
1,2-Dichloropropane	9.99		"	10.0		99.9	78-126				
1,3,5-Trimethylbenzene	9.24		"	10.0		92.4	80-131				
1,3-Dichlorobenzene	9.07		"	10.0		90.7	86-122				
1,4-Dichlorobenzene	9.28		"	10.0		92.8	85-124				
1,4-Dioxane	313		"	210		149	10-349				
2-Butanone	7.36		"	10.0		73.6	49-152				
2-Hexanone	9.69		"	10.0		96.9	51-146				
4-Methyl-2-pentanone	11.2		"	10.0		112	57-145				
Acetone	19.1		"	10.0		191	14-150	High Bias			
Acrolein	18.6		"	10.0		186	10-153	High Bias			
Acrylonitrile	10.1		"	10.0		101	51-150				
Benzene	9.11		"	10.0		91.1	85-126				
Bromochloromethane	9.90		"	10.0		99.0	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	9.31		"	10.0		93.1	78-133				
Bromomethane	3.14		"	10.0		31.4	43-168	Low Bias			
Carbon disulfide	8.61		"	10.0		86.1	68-146				
Carbon tetrachloride	9.24		"	10.0		92.4	77-141				
Chlorobenzene	9.05		"	10.0		90.5	88-120				
Chloroethane	8.49		"	10.0		84.9	65-136				
Chloroform	8.75		"	10.0		87.5	82-128				
Chloromethane	6.85		"	10.0		68.5	43-155				
cis-1,2-Dichloroethylene	9.14		"	10.0		91.4	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131				
Cyclohexane	7.97		"	10.0		79.7	63-149				
Dibromochloromethane	9.22		"	10.0		92.2	80-130				
Dibromomethane	9.72		"	10.0		97.2	72-134				
Dichlorodifluoromethane	9.97		"	10.0		99.7	44-144				
Ethyl Benzene	9.72		"	10.0		97.2	80-131				
Hexachlorobutadiene	6.32		"	10.0		63.2	67-146	Low Bias			
Isopropylbenzene	9.42		"	10.0		94.2	76-140				
Methyl acetate	9.35		"	10.0		93.5	51-139				
Methyl tert-butyl ether (MTBE)	9.66		"	10.0		96.6	76-135				
Methylcyclohexane	8.10		"	10.0		81.0	72-143				
Methylene chloride	13.7		"	10.0		137	55-137				
n-Butylbenzene	8.65		"	10.0		86.5	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40118 - EPA 5030B											
LCS (BJ40118-BS1)								Prepared & Analyzed: 10/02/2024			
n-Propylbenzene	9.92		ug/L	10.0		99.2	78-133				
o-Xylene	9.38		"	10.0		93.8	78-130				
p- & m- Xylenes	20.8		"	20.0		104	77-133				
p-Isopropyltoluene	8.65		"	10.0		86.5	81-136				
sec-Butylbenzene	8.78		"	10.0		87.8	79-137				
Styrene	8.91		"	10.0		89.1	67-132				
tert-Butyl alcohol (TBA)	50.2		"	50.0		100	25-162				
tert-Butylbenzene	8.24		"	10.0		82.4	77-138				
Tetrachloroethylene	4.38		"	10.0		43.8	82-131	Low Bias			
Toluene	9.61		"	10.0		96.1	80-127				
trans-1,2-Dichloroethylene	8.64		"	10.0		86.4	80-132				
trans-1,3-Dichloropropylene	10.9		"	10.0		109	78-131				
Trichloroethylene	8.22		"	10.0		82.2	82-128				
Trichlorofluoromethane	7.99		"	10.0		79.9	67-139				
Vinyl Chloride	8.82		"	10.0		88.2	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.93*		*"*	*10.0*		*99.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40212 - EPA 3510C											
Blank (BJ40212-BLK1)											
Prepared: 10/03/2024 Analyzed: 10/04/2024											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40212 - EPA 3510C											
Blank (BJ40212-BLK1)											Prepared: 10/03/2024 Analyzed: 10/04/2024
Surrogate: SURR: 2-Fluorophenol	*15.6*		*ug/L*	*50.0*		*31.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.77*		*"*	*50.0*		*19.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.7*		*"*	*25.0*		*62.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.6*		*"*	*25.0*		*54.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*51.2*		*"*	*50.0*		*102*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.4*		*"*	*25.0*		*81.6*	*30.7-106*				
Blank (BJ40212-BLK2)											Prepared: 10/03/2024 Analyzed: 10/04/2024
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	0.220	0.0500	"								
Anthracene	0.0800	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	0.0600	0.0500	"								
Fluorene	0.160	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	0.830	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	3.73	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	0.240	0.0500	"								
Pyrene	0.0600	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40212 - EPA 3510C											
LCS (BJ40212-BS1)								Prepared: 10/03/2024 Analyzed: 10/04/2024			
1,1-Biphenyl	14.6	5.00	ug/L	25.0		58.5	33-95				
1,2,4,5-Tetrachlorobenzene	11.3	5.00	"	25.0		45.2	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	24.4	5.00	"	25.0		97.7	16-141				
2,3,4,6-Tetrachlorophenol	28.7	5.00	"	25.0		115	30-130				
2,4,5-Trichlorophenol	23.7	5.00	"	25.0		94.9	32-114				
2,4,6-Trichlorophenol	24.1	5.00	"	25.0		96.4	35-118				
2,4-Dichlorophenol	23.2	5.00	"	25.0		93.0	25-116				
2,4-Dimethylphenol	21.1	5.00	"	25.0		84.5	15-116				
2,4-Dinitrophenol	43.1	5.00	"	25.0		172	10-170	High Bias			
2,4-Dinitrotoluene	26.7	5.00	"	25.0		107	41-128				
2,6-Dinitrotoluene	25.3	5.00	"	25.0		101	45-116				
2-Chloronaphthalene	14.2	5.00	"	25.0		56.9	33-112				
2-Chlorophenol	20.0	5.00	"	25.0		80.0	15-120				
2-Methylnaphthalene	13.2	5.00	"	25.0		52.8	24-118				
2-Methylphenol	17.6	5.00	"	25.0		70.4	10-110				
2-Nitroaniline	24.2	5.00	"	25.0		96.8	34-129				
2-Nitrophenol	26.2	5.00	"	25.0		105	28-118				
3- & 4-Methylphenols	14.3	5.00	"	25.0		57.2	10-107				
3,3-Dichlorobenzidine	21.2	5.00	"	25.0		84.6	15-187				
3-Nitroaniline	23.1	5.00	"	25.0		92.4	24-134				
4,6-Dinitro-2-methylphenol	49.9	5.00	"	25.0		200	10-153	High Bias			
4-Bromophenyl phenyl ether	21.0	5.00	"	25.0		84.0	34-120				
4-Chloro-3-methylphenol	24.6	5.00	"	25.0		98.4	20-120				
4-Chloroaniline	21.5	5.00	"	25.0		86.0	10-147				
4-Chlorophenyl phenyl ether	18.9	5.00	"	25.0		75.6	27-121				
4-Nitroaniline	22.8	5.00	"	25.0		91.2	13-134				
4-Nitrophenol	10.3	5.00	"	25.0		41.2	10-131				
Acetophenone	19.8	5.00	"	25.0		79.4	25-110				
Aniline	16.1	5.00	"	25.0		64.4	10-117				
Benzaldehyde	20.4	5.00	"	25.0		81.5	29-117				
Benzoic acid	47.4	5.00	"	25.0		189	30-130	High Bias			
Benzyl alcohol	15.8	5.00	"	25.0		63.1	10-117				
Benzyl butyl phthalate	24.9	5.00	"	25.0		99.4	29-133				
Bis(2-chloroethoxy)methane	20.8	5.00	"	25.0		83.3	10-154				
Bis(2-chloroethyl)ether	18.5	5.00	"	25.0		74.1	17-125				
Bis(2-chloroisopropyl)ether	16.8	5.00	"	25.0		67.0	10-139				
Caprolactam	4.96	5.00	"	25.0		19.8	10-137				
Carbazole	19.8	5.00	"	25.0		79.4	42-126				
Dibenzofuran	18.4	5.00	"	25.0		73.5	36-113				
Diethyl phthalate	24.0	5.00	"	25.0		95.9	38-115				
Dimethyl phthalate	23.1	5.00	"	25.0		92.6	38-129				
Di-n-butyl phthalate	23.0	5.00	"	25.0		91.8	31-120				
Di-n-octyl phthalate	24.2	5.00	"	25.0		97.0	21-149				
Diphenylamine	31.2	5.00	"	25.0		125	40-140				
Hexachlorocyclopentadiene	7.67	10.0	"	25.0		30.7	10-130				
Isophorone	20.8	5.00	"	25.0		83.2	25-127				
N-nitroso-di-n-propylamine	19.5	5.00	"	25.0		78.2	26-122				
N-Nitrosodiphenylamine	29.9	5.00	"	25.0		120	23-149				
Phenol	8.59	5.00	"	25.0		34.4	10-110				
Pyridine	6.53	5.00	"	35.0		18.7	10-90				
Surrogate: SURR: 2-Fluorophenol	*20.4*		*"*	*50.0*		*40.8*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40212 - EPA 3510C											
LCS (BJ40212-BS1)								Prepared: 10/03/2024 Analyzed: 10/04/2024			
Surrogate: SURR: Phenol-d6	*12.9*		*ug/L*	*50.0*		*25.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.2*		*"*	*25.0*		*80.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.4*		*"*	*25.0*		*73.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*64.2*		*"*	*50.0*		*128*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.2*		*"*	*25.0*		*93.0*	*30.7-106*				
LCS (BJ40212-BS2)								Prepared: 10/03/2024 Analyzed: 10/04/2024			
Acenaphthene	0.910	0.0500	ug/L	1.00		91.0	25-116				
Acenaphthylene	0.850	0.0500	"	1.00		85.0	26-116				
Anthracene	0.920	0.0500	"	1.00		92.0	25-123				
Benzo(a)anthracene	1.03	0.0500	"	1.00		103	33-125				
Benzo(a)pyrene	0.930	0.0500	"	1.00		93.0	32-132				
Benzo(b)fluoranthene	1.07	0.0500	"	1.00		107	22-137				
Benzo(g,h,i)perylene	1.00	0.0500	"	1.00		100	10-138				
Benzo(k)fluoranthene	1.11	0.0500	"	1.00		111	20-137				
Bis(2-ethylhexyl)phthalate	1.22	0.500	"	1.00		122	10-189				
Chrysene	1.08	0.0500	"	1.00		108	32-124				
Dibenzo(a,h)anthracene	1.10	0.0500	"	1.00		110	16-133				
Fluoranthene	1.09	0.0500	"	1.00		109	32-121				
Fluorene	0.980	0.0500	"	1.00		98.0	28-118				
Hexachlorobenzene	0.140	0.0200	"	1.00		14.0	23-124	Low Bias			
Hexachlorobutadiene	0.680	0.500	"	1.00		68.0	15-123				
Hexachloroethane	0.660	0.500	"	1.00		66.0	18-115				
Indeno(1,2,3-cd)pyrene	1.05	0.0500	"	1.00		105	15-135				
Naphthalene	0.770	0.0500	"	1.00		77.0	18-120				
Nitrobenzene	0.550	0.250	"	1.00		55.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.71	0.250	"	1.00		171	10-156	High Bias			
Phenanthrene	1.02	0.0500	"	1.00		102	24-127				
Pyrene	1.06	0.0500	"	1.00		106	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40566 - EPA 3510C											
Blank (BJ40566-BLK2)								Prepared & Analyzed: 10/09/2024			
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	0.0600	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BJ40566-BS2)								Prepared: 10/09/2024 Analyzed: 10/11/2024			
Acenaphthene	1.10	0.0500	ug/L	1.00		110	25-116				
Acenaphthylene	1.22	0.0500	"	1.00		122	26-116	High Bias			
Anthracene	1.13	0.0500	"	1.00		113	25-123				
Benzo(a)anthracene	1.17	0.0500	"	1.00		117	33-125				
Benzo(a)pyrene	1.05	0.0500	"	1.00		105	32-132				
Benzo(b)fluoranthene	1.20	0.0500	"	1.00		120	22-137				
Benzo(g,h,i)perylene	1.23	0.0500	"	1.00		123	10-138				
Benzo(k)fluoranthene	1.26	0.0500	"	1.00		126	20-137				
Bis(2-ethylhexyl)phthalate	1.48	0.500	"	1.00		148	10-189				
Chrysene	1.23	0.0500	"	1.00		123	32-124				
Dibenzo(a,h)anthracene	1.15	0.0500	"	1.00		115	16-133				
Fluoranthene	1.05	0.0500	"	1.00		105	32-121				
Fluorene	1.15	0.0500	"	1.00		115	28-118				
Hexachlorobenzene	1.05	0.0200	"	1.00		105	23-124				
Hexachlorobutadiene	0.820	0.500	"	1.00		82.0	15-123				
Hexachloroethane	0.890	0.500	"	1.00		89.0	18-115				
Indeno(1,2,3-cd)pyrene	1.17	0.0500	"	1.00		117	15-135				
Naphthalene	1.06	0.0500	"	1.00		106	18-120				
Nitrobenzene	0.630	0.250	"	1.00		63.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.05	0.250	"	1.00		105	10-156				
Phenanthrene	1.19	0.0500	"	1.00		119	24-127				
Pyrene	1.20	0.0500	"	1.00		120	31-132				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40200 - EPA SW846-3510C Low Level											
Blank (BJ40200-BLK1)								Prepared & Analyzed: 10/03/2024			
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	*0.0568*		*"*	*0.200*		*28.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0999*		*"*	*0.200*		*50.0*	*30-150*				
LCS (BJ40200-BS1)								Prepared & Analyzed: 10/03/2024			
4,4'-DDD	0.0566	0.00400	ug/L	0.100		56.6	40-140			20	
4,4'-DDE	0.0523	0.00400	"	0.100		52.3	40-140			20	
4,4'-DDT	0.0636	0.00400	"	0.100		63.6	40-140			20	
Aldrin	0.0467	0.00400	"	0.100		46.7	40-140			20	
alpha-BHC	0.0597	0.00400	"	0.100		59.7	40-140			20	
alpha-Chlordane	0.0496	0.00400	"	0.100		49.6	40-140			20	
beta-BHC	0.0698	0.00400	"	0.100		69.8	40-140			20	
delta-BHC	0.0525	0.00400	"	0.100		52.5	40-140			20	
Dieldrin	0.0543	0.00200	"	0.100		54.3	40-140			20	
Endosulfan I	0.0557	0.00400	"	0.100		55.7	40-140			20	
Endosulfan II	0.0604	0.00400	"	0.100		60.4	40-140			20	
Endosulfan sulfate	0.0556	0.00400	"	0.100		55.6	40-140			20	
Endrin	0.0598	0.00400	"	0.100		59.8	40-140			20	
Endrin aldehyde	0.0736	0.0100	"	0.100		73.6	40-140			20	
Endrin ketone	0.0667	0.0100	"	0.100		66.7	40-140			20	
gamma-BHC (Lindane)	0.0612	0.00400	"	0.100		61.2	40-140			20	
gamma-Chlordane	0.0518	0.0100	"	0.100		51.8	40-140			20	
Heptachlor	0.0610	0.00400	"	0.100		61.0	40-140			20	
Heptachlor epoxide	0.0579	0.00400	"	0.100		57.9	40-140			20	
Methoxychlor	0.0677	0.00400	"	0.100		67.7	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0584*		*"*	*0.200*		*29.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0982*		*"*	*0.200*		*49.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40200 - EPA SW846-3510C Low Level											
LCS Dup (BJ40200-BSD1)								Prepared & Analyzed: 10/03/2024			
4,4'-DDD	0.0594	0.00400	ug/L	0.100		59.4	40-140		4.95	20	
4,4'-DDE	0.0546	0.00400	"	0.100		54.6	40-140		4.23	20	
4,4'-DDT	0.0657	0.00400	"	0.100		65.7	40-140		3.21	20	
Aldrin	0.0487	0.00400	"	0.100		48.7	40-140		4.19	20	
alpha-BHC	0.0615	0.00400	"	0.100		61.5	40-140		2.94	20	
alpha-Chlordane	0.0511	0.00400	"	0.100		51.1	40-140		2.93	20	
beta-BHC	0.0700	0.00400	"	0.100		70.0	40-140		0.297	20	
delta-BHC	0.0537	0.00400	"	0.100		53.7	40-140		2.39	20	
Dieldrin	0.0561	0.00200	"	0.100		56.1	40-140		3.40	20	
Endosulfan I	0.0574	0.00400	"	0.100		57.4	40-140		2.87	20	
Endosulfan II	0.0619	0.00400	"	0.100		61.9	40-140		2.44	20	
Endosulfan sulfate	0.0575	0.00400	"	0.100		57.5	40-140		3.41	20	
Endrin	0.0618	0.00400	"	0.100		61.8	40-140		3.23	20	
Endrin aldehyde	0.0738	0.0100	"	0.100		73.8	40-140		0.260	20	
Endrin ketone	0.0701	0.0100	"	0.100		70.1	40-140		4.97	20	
gamma-BHC (Lindane)	0.0624	0.00400	"	0.100		62.4	40-140		1.92	20	
gamma-Chlordane	0.0530	0.0100	"	0.100		53.0	40-140		2.28	20	
Heptachlor	0.0631	0.00400	"	0.100		63.1	40-140		3.37	20	
Heptachlor epoxide	0.0592	0.00400	"	0.100		59.2	40-140		2.12	20	
Methoxychlor	0.0710	0.00400	"	0.100		71.0	40-140		4.79	20	
Surrogate: Decachlorobiphenyl	*0.0482*		*"*	*0.200*		*24.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.100*		*"*	*0.200*		*50.0*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40200 - EPA SW846-3510C Low Level											
Blank (BJ40200-BLK2)								Prepared & Analyzed: 10/03/2024			
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	*0.118*		*"*	*0.200*		*59.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.148*		*"*	*0.200*		*74.0*	*30-120*				
LCS (BJ40200-BS2)								Prepared & Analyzed: 10/03/2024			
Aroclor 1016	0.785	0.0500	ug/L	1.00		78.5	40-120				
Aroclor 1260	0.739	0.0500	"	1.00		73.9	40-120				
Surrogate: Tetrachloro-m-xylene	*0.111*		*"*	*0.200*		*55.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.123*		*"*	*0.200*		*61.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40211 - EPA 8151A											
Blank (BJ40211-BLK1)								Prepared & Analyzed: 10/03/2024			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*111*		*"*	*125*		*89.0*	*30-150*				
LCS (BJ40211-BS1)								Prepared & Analyzed: 10/03/2024			
2,4,5-T	17.5	5.00	ug/L	20.0		87.5	10-140				
2,4,5-TP (Silvex)	19.0	5.00	"	20.0		95.0	10-139				
2,4-D	17.5	5.00	"	20.0		87.5	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*120*		*"*	*125*		*96.4*	*30-150*				
LCS Dup (BJ40211-BSD1)								Prepared & Analyzed: 10/03/2024			
2,4,5-T	19.2	5.00	ug/L	20.0		96.2	10-140		9.52	30	
2,4,5-TP (Silvex)	19.8	5.00	"	20.0		98.8	10-139		3.87	30	
2,4-D	18.2	5.00	"	20.0		91.2	10-140		4.20	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*120*		*"*	*125*		*95.6*	*30-150*				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40018 - EPA SW846-7470A											
Blank (BJ40018-BLK1)									Prepared & Analyzed: 10/01/2024		
Mercury	ND	0.0002	mg/L								
LCS (BJ40018-BS1)									Prepared & Analyzed: 10/01/2024		
Mercury	0.0018275	0.0002	mg/L	0.00200		91.4	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40064 - Analysis Preparation											
Blank (BJ40064-BLK1)								Prepared & Analyzed: 10/01/2024			
Reactivity - Sulfide	ND	15.0	mg/kg								
Duplicate (BJ40064-DUP1)	*Source sample: 24I1803-01 (Remington_IDW)							Prepared & Analyzed: 10/01/2024			
Reactivity - Sulfide	40.0	15.0	mg/kg		24.0				50.0	50	
Batch BJ40065 - Analysis Preparation											
Blank (BJ40065-BLK1)								Prepared & Analyzed: 10/01/2024			
Reactivity - Cyanide	ND	0.0250	mg/L								

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40237 - Analysis Preparation											
Reference (BJ40237-SRM1)									Prepared & Analyzed: 10/03/2024		
Flashpoint	118		°F	115		102	96.5-103.5				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I1803-01	Remington_IDW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
Ja	Estimated value due to either being a
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).
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
F-01	> 200
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

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24I1803

Page _____ of _____

Report To:	Invoice To:
Company: HRP Associates Inc	Company:
Address: 1 Fairchild Sq # 110 Clifton Park NY	Address:
Phone.: 518-877-7101	Phone.: same
Contact: Cassandra George	Contact:
E-mail: cassandra.george@hrpassociates.com	E-mail: also to hrp.invoices@hrpassociates.com

YOUR Project Name / Number: Remmington Arms

PO Number:

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

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

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.

Leah Topping
Leah Tapping

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)

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:	VOCs (8260)	SVOCs (8270)	Pesticides	Herbicides	Metals (6010D / 6020B)	Flash Pt / Reactivity	pH	Grab or Comp.
Remmington-IDW	9/27/24	12:10		6	3		1½							X	X	X	X	X	X	X	G/C

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

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

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

Field Filtered

Lab Filtered

Comments:
Please send data to kd.wall@hrpassociates.com & leah.topping@hrpassociates.com

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

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

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

	Relinquished by / Company	Date/Time	Received by / Company	Date/Time	Relinquished by / Company	Date/Time	Received by / Company	Date/Time
1	Leah Tapping / HRP	9/30/24 9:40	Chris C	9.30.24 9:40	Chris C	9.30.24 15:15		
2								
3								
4								

Samples Received in LAB by: Shawn — Date/Time: 9/30/24 15:15 — Temperature: T.20 Degrees C

APPENDIX F
Data Usability Summary Report

DATA USABILITY SUMMARY REPORT
NYSDEC CATEGORY B
(USEPA STAGE 3 VALIDATION)

REMINGTON ARMS
BOREHOLE SOIL SAMPLING
INORGANIC, ORGANIC AND PHYSICAL ANALYSES
AUGUST 26 THROUGH SEPTEMBER 16, 2024

YORK LABORATORY WORK ORDERS: 24H1788, 24H2011, 24H2129, 24I0046, 24I0221, 24I0294, 24I0746, 24I0791, 24I0889, and 24I1005

Prepared for:
HRP Associated, Inc.
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Prepared by:
Linda L. Tangen
131 Hanson Ln
Fairfield Bay, AR 72088

December 2024

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GLOSSARY OF TERMS

(Not all these terms may be used in this document)

CCB .....Continuing Calibration Blank
CCV .....Continuing Calibration Verification Standard
CLP.....Contract Laboratory Program
Coeff.....Coefficient (Correlation)
Diff.....Difference (%)
DUSR.....Data Usability Summary Report
EPA .....U.S. Environmental Protection Agency
FAP .....Field Activities Plan
GC-MS.....Gas Chromatograph/Mass Spectrometer
HT .....Hold Time
ICB .....Initial Calibration Blank
ICP-MS.....Inductively Coupled Plasma – Mass Spectroscopy
ICS.....Interference Check Sample
ICV .....Initial Calibration Verification
IS.....Internal Standard
LCS.....Laboratory Control Sample
MB .....Method Blank
MDL .....Method Detection Limit
MS .....Matrix Spike
MSD .....Matrix Spike Duplicate
NA.....Not Applicable
NYSDEC.....New York State Department of Environmental Conservation
PARCC.....Precision, Accuracy, Representation, Completeness & Comparability
PCBs.....Polychlorinated biphenyl (Aroclors)
PFAS.....Perfluoroalkyl Substances
PRDL .....Project Required Detection Limit
QA.....Quality Assurance
QAPP.....Quality Assurance Project Plan
QC.....Quality Control
RF.....Response Factor
Rec.....Recovery
RL.....Reporting Limit
RPD .....Relative Percent Difference
RSD .....Relative Standard Deviation
SCG .....Standard Criteria or Guidance
SD .....Serial Dilution

GLOSSARY OF TERMS (Cont.)

SDG.....Sample Delivery Group
SVOC.....Semi-Volatile Organic Compounds
TOC.....Total Organic Carbon
USEPA.....United States Environmental Protection Agency
VOC.....Volatile Organic Compounds

DATA USABILITY SUMMARY REPORT

This Data Usability Summary Report (DUSR) is for borehole soil samples collected from August 26 through September 16, 2024, at the Remington Arms Site in Ilion, New York. These samples were collected, analyzed, and validated using the Generic Field Activities Plan (FAP) for Work Assignments (HRP, 2019b), Generic Quality Assurance Project Plan (QAPP) for Work Assignments (HRP, 2019a), and the Target Brownfield Sites, Herkimer County, NY – Generic QAPP 5-9-24 Addendum: Remington Arms Multiple Parcels, Ilion, New York (HRP, 2024). Samples were collected by HRP Associates, Inc.

Inorganic, organic and physical constituents for these samples were validated using EPA guidelines for data validation, including Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use (EPA, 2009), National Functional Guidelines for Inorganic Superfund Method Data Review (EPA, 2020a), National Functional Guidelines for Organic Superfund Method Data Review (EPA, 2020b). The validation level used to review this data was the New York State Department of Environmental Conservation (NYSDEC) Category B procedure (EPA Stage 3), according to the QAPP.

Samples were analyzed for physical, inorganic and organic constituents by York Analytical Laboratories, Inc. in Stratford, Connecticut, using work orders 24H1788, 24H2011, 24H2129, 24I0046, 24I0221, 24I0294, 24I0746, 24I0791, 24I0889, and 24I1005.

The sample delivery groups (SDG), and analytical methods are listed in Table A-1. Data validation codes and definitions are listed in Table A-2, and a summary of qualified data is in Table A-3. Table A-4 summarized the precision, accuracy, representation, completeness & comparability (PARCC) for this sample event's data. These tables are in Appendix A.

Detailed field and laboratory Quality Assurance/Quality Control (QA/QC) summary forms and tables are in Appendix B.

Other issues that were noted during this data review:

- Detected results for methods SW8260 (VOC), and SW8270 (SVOC) were reported down the method detection limit (MDL). Detected results for all other methods were reported down to the laboratory's reporting limits.
- Trip blanks were not submitted for this sampling event. Therefore, possible low-level cross-contamination during shipping could not be measured.
- Field notes were not submitted for this sampling event. Stations where field duplicate samples were collected were obtained by an email from the project manager.

- Field rinsate blanks results were not used to qualify data. However, the detections were noted in the report.
- The sample containers used to ship samples for method SW8260 (VOC) analyses were glass jars, not hermetically sealed vials (trap and seal containers), as required by preparation method SW5035A. This is a common occurrence and with the laboratory's input, no action was taken.

Conclusion

Of 10879 measurements, 10785 (99.1%) of the data reviewed for the August/September 2024 Remington Arms borehole soil sampling event, were acceptable and can be used for the purpose they were intended, if qualified data (1354 measurements) are used with caution. Ninety-four (94) measurements were rejected due to gross QC exceedances. These measurements should not be used for the purpose of this project.

Data Validation Report by: Linda L. Tangen

Contractor Review: Cassy George

HRP Associated, Inc.

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APPENDIX A

TABLES

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24H1788	RB_8.26.24	6010B AND 6020	24H1788-06
			SW7470	24H1788-06
			SW8082	24H1788-06
			SW8260	24H1788-06
			SW8270	24H1788-06
			SW8270DSIM	24H1788-06
		SB-1 (12-14)	SM 2540G	24H1788-01
			SW6010	24H1788-01
			SW7473	24H1788-01
			SW8082	24H1788-01
			SW8260	24H1788-01
			SW8270	24H1788-01
		SB-2 (0.5-4)	SM 2540G	24H1788-02
			SW6010	24H1788-02
			SW7473	24H1788-02
			SW8082	24H1788-02
			SW8260	24H1788-02
			SW8270	24H1788-02
		SB-3 (14-16)	SM 2540G	24H1788-04
			SW6010	24H1788-04
			SW7473	24H1788-04
			SW8082	24H1788-04
			SW8260	24H1788-04
			SW8270	24H1788-04
		SB-5 (17.5-20)	SM 2540G	24H1788-05
			SW6010	24H1788-05
			SW7473	24H1788-05
			SW8082	24H1788-05
			SW8260	24H1788-05
			SW8270	24H1788-05
		SB-DUP-1	SM 2540G	24H1788-03
			SW6010	24H1788-03
			SW7473	24H1788-03
			SW8082	24H1788-03
			SW8260	24H1788-03
			SW8270	24H1788-03
	24H2011	RB_8.28.24	6010B AND 6020	24H2011-08

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24H2011	RB_8.28.24	SW7470	24H2011-08
			SW8082	24H2011-08
			SW8260	24H2011-08
			SW8270	24H2011-08
			SW8270DSIM	24H2011-08
		SB-14 (12-15)	SM 2540G	24H2011-07
			SW6010	24H2011-07
			SW7473	24H2011-07
			SW8082	24H2011-07
			SW8260	24H2011-07
			SW8260	24H2011-07RE1
			SW8270	24H2011-07
		SB-22 (16-18)	SM 2540G	24H2011-04
			SW6010	24H2011-04
			SW7473	24H2011-04
			SW8260	24H2011-04
			SW8270	24H2011-04
		SB-24 (23-25)	SM 2540G	24H2011-06
			SW6010	24H2011-06
			SW7473	24H2011-06
			SW8260	24H2011-06
			SW8270	24H2011-06
		SB-4 (0.5-2.5)	SM 2540G	24H2011-03
			SW6010	24H2011-03
			SW7473	24H2011-03
			SW8082	24H2011-03
			SW8260	24H2011-03
			SW8270	24H2011-03
		SB-6 (21-23)	SM 2540G	24H2011-05
			SW6010	24H2011-05
			SW7473	24H2011-05
			SW8082	24H2011-05
			SW8260	24H2011-05
			SW8270	24H2011-05
		SB-7 (15-18)	SM 2540G	24H2011-02
			SW6010	24H2011-02
			SW7473	24H2011-02

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24H2011	SB-7 (15-18)	SW8082	24H2011-02
			SW8260	24H2011-02
			SW8270	24H2011-02
		SB-8 (25-28)	SM 2540G	24H2011-01
			SW6010	24H2011-01
			SW7473	24H2011-01
			SW8082	24H2011-01
			SW8260	24H2011-01
			SW8270	24H2011-01
	24H2129	RB_8.29.24	6010B AND 6020	24H2129-04
			SW7470	24H2129-04
			SW8260	24H2129-04
			SW8270	24H2129-04
			SW8270DSIM	24H2129-04
		SB-45 (28-30)	SM 2540G	24H2129-02
			SW6010	24H2129-02
			SW7473	24H2129-02
			SW8260	24H2129-02
			SW8270	24H2129-02
		SB-46 (20-23)	SM 2540G	24H2129-03
			SW6010	24H2129-03
			SW7473	24H2129-03
			SW8260	24H2129-03
			SW8270	24H2129-03
		SB-47 (25-27)	SM 2540G	24H2129-01
			SW6010	24H2129-01
			SW7473	24H2129-01
			SW8260	24H2129-01RE1
			SW8260	24H2129-01
			SW8270	24H2129-01
	24I0046	RB_8.30.24	6010B AND 6020	24I0046-03
			SW7470	24I0046-03
			SW8260	24I0046-03
			SW8270	24I0046-03
			SW8270DSIM	24I0046-03
		SB-25 (1-3)	SM 2540G	24I0046-02
			SW6010	24I0046-02

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I0046	SB-25 (1-3)	SW7473	24I0046-02
			SW8260	24I0046-02
			SW8270	24I0046-02RE1
			SW8270	24I0046-02
		SB-42 (20-23)	SM 2540G	24I0046-01
			SW6010	24I0046-01
			SW7473	24I0046-01
			SW8260	24I0046-01
			SW8270	24I0046-01
		SB-52 (25-27)	SM 2540G	24I0046-04
			SW6010	24I0046-04
			SW7473	24I0046-04
			SW8260	24I0046-04
			SW8270	24I0046-04
	24I0221	RB_9.3.24	6010B AND 6020	24I0221-04
			SW7470	24I0221-04
			SW8082	24I0221-04
			SW8260	24I0221-04
			SW8270	24I0221-04
			SW8270DSIM	24I0221-04
		SB-26 (5-6)	SM 2540G	24I0221-03
			SW6010	24I0221-03
			SW7473	24I0221-03
			SW8260	24I0221-03
			SW8270	24I0221-03
		SB-27 (1-3)	SM 2540G	24I0221-06
			SW8082	24I0221-06
		SB-29 (1-4)	SM 2540G	24I0221-07
			SW6010	24I0221-07
			SW7473	24I0221-07
			SW8082	24I0221-07
			SW8260	24I0221-07
			SW8270	24I0221-07
		SB-30 (4-6)	SM 2540G	24I0221-01
			SW6010	24I0221-01
			SW7473	24I0221-01
			SW8082	24I0221-01

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I0221	SB-30 (4-6)	SW8260	24I0221-01
			SW8270	24I0221-01
		SB-60 (3-6)	SM 2540G	24I0221-02
			SW6010	24I0221-02
			SW7473	24I0221-02
			SW8260	24I0221-02
			SW8270	24I0221-02
		SB-61 (2-5)	SM 2540G	24I0221-05
			SW6010	24I0221-05
			SW7473	24I0221-05
			SW8260	24I0221-05
			SW8270	24I0221-05RE1
			SW8270	24I0221-05
	24I0294	RB_9.5.24	6010B AND 6020	24I0294-07
			SW7470	24I0294-07
			SW8260	24I0294-07
			SW8270	24I0294-07
			SW8270DSIM	24I0294-07
		SB-20 (1-2.5)	SM 2540G	24I0294-05
			SW6010	24I0294-05
			SW7473	24I0294-05
			SW8270	24I0294-05
		SB-21 (1-2.5)	SM 2540G	24I0294-06
			SW6010	24I0294-06
			SW7473	24I0294-06
			SW8270	24I0294-06
		SB-48 (28-31)	SM 2540G	24I0294-02
			SW6010	24I0294-02
			SW7473	24I0294-02
			SW8260	24I0294-02
			SW8270	24I0294-02
		SB-49 (27-30)	SM 2540G	24I0294-01
			SW6010	24I0294-01
			SW7473	24I0294-01
			SW8260	24I0294-01
			SW8270	24I0294-01
		SB-51 (10-13)	SM 2540G	24I0294-04

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I0294	SB-51 (10-13)	SW6010	24I0294-04
			SW7473	24I0294-04
			SW8260	24I0294-04
			SW8270	24I0294-04
		SB-51 (2-4)	SM 2540G	24I0294-03
			SW6010	24I0294-03
			SW7473	24I0294-03
			SW8260	24I0294-03
			SW8270	24I0294-03
	24I0746	RB_9.9.24	6010B AND 6020	24I0746-05
			SW7470	24I0746-05
			SW8082	24I0746-05
			SW8260	24I0746-05
			SW8270	24I0746-05
			SW8270DSIM	24I0746-05
		SB-10 (23-26)	SM 2540G	24I0746-11
			SW6010	24I0746-11
			SW7473	24I0746-11
			SW8082	24I0746-11
			SW8260	24I0746-11
			SW8270	24I0746-11
		SB-11 (20-23)	SM 2540G	24I0746-12
			SW6010	24I0746-12
			SW7473	24I0746-12
			SW8082	24I0746-12
			SW8260	24I0746-12
			SW8270	24I0746-12
		SB-17 (25-28)	SM 2540G	24I0746-04
			SW6010	24I0746-04
			SW7473	24I0746-04
			SW8082	24I0746-04
			SW8260	24I0746-04
			SW8270	24I0746-04
		SB-18 (2-5)	SM 2540G	24I0746-07
			SW6010	24I0746-07
			SW7473	24I0746-07
			SW8270	24I0746-07

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I0746	SB-19 (1-3)	SM 2540G	24I0746-06
			SW6010	24I0746-06
			SW7473	24I0746-06
			SW8270	24I0746-06
		SB-23 (18-21)	SM 2540G	24I0746-09
			SW6010	24I0746-09
			SW7473	24I0746-09
			SW8260	24I0746-09
			SW8270	24I0746-09
		SB-28 (0.5-2)	SM 2540G	24I0746-02
			SW8082	24I0746-02
		SB-32 (10-12)	SM 2540G	24I0746-13
			SW6010	24I0746-13
			SW7473	24I0746-13
			SW8270	24I0746-13
		SB-33 (8-10)	SM 2540G	24I0746-15
			SW6010	24I0746-15
			SW7473	24I0746-15
			SW8270	24I0746-15
		SB-34 (25-27)	SM 2540G	24I0746-14
			SW6010	24I0746-14
			SW7473	24I0746-14
			SW8270	24I0746-14
		SB-62 (2-5)	SM 2540G	24I0746-01
			SW6010	24I0746-01
			SW7473	24I0746-01
			SW8260	24I0746-01
			SW8270	24I0746-01
		SB-63 (10-12)	SM 2540G	24I0746-03
			SW6010	24I0746-03
			SW7473	24I0746-03
			SW8260	24I0746-03
			SW8270	24I0746-03
		SB-9 (17-20)	SM 2540G	24I0746-10
			SW6010	24I0746-10
			SW7473	24I0746-10
			SW8082	24I0746-10

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I0746	SB-9 (17-20)	SW8260	24I0746-10
			SW8270	24I0746-10
		SB-DUP-2	SM 2540G	24I0746-08
			SW6010	24I0746-08
			SW7473	24I0746-08
			SW8270	24I0746-08
	24I0791	RB_9.12.24	6010B AND 6020	24I0791-09
			SW7470	24I0791-09
			SW8082	24I0791-09
			SW8151	24I0791-09
			SW8260	24I0791-09
			SW8270	24I0791-09
			SW8270DSIM	24I0791-09
		SB-12 (10-12)	SM 2540G	24I0791-04
			SW6010	24I0791-04
			SW7473	24I0791-04
			SW8082	24I0791-04
			SW8260	24I0791-04
			SW8270	24I0791-04
		SB-13 (2-4)	SM 2540G	24I0791-07
			SW6010	24I0791-07
			SW7473	24I0791-07
			SW8082	24I0791-07
			SW8260	24I0791-07
			SW8270	24I0791-07
		SB-15 (20-23)	SM 2540G	24I0791-05
			SW6010	24I0791-05
			SW7473	24I0791-05
			SW8082	24I0791-05
			SW8260	24I0791-05
			SW8270	24I0791-05
		SB-16 (21-24)	SM 2540G	24I0791-03
			SW6010	24I0791-03
			SW7473	24I0791-03
			SW8082	24I0791-03
			SW8260	24I0791-03
			SW8270	24I0791-03

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I0791	SB-35 (1-4)	SM 2540G	24I0791-01
			SW6010	24I0791-01
			SW7473	24I0791-01
			SW8151	24I0791-01
			SW8260	24I0791-01
			SW8270	24I0791-01
		SB-36 (3-5)	SM 2540G	24I0791-08
			SW6010	24I0791-08
			SW7473	24I0791-08
			SW8151	24I0791-08
			SW8260	24I0791-08
			SW8270	24I0791-08
		SB-DUP-3	SM 2540G	24I0791-06
			SW6010	24I0791-06
			SW7473	24I0791-06
			SW8082	24I0791-06
			SW8260	24I0791-06
			SW8270	24I0791-06
			SW8270	24I0791-06RE1
		SB-DUP-4	SM 2540G	24I0791-02
			SW6010	24I0791-02
			SW7473	24I0791-02
			SW8151	24I0791-02
			SW8260	24I0791-02
			SW8270	24I0791-02
	24I0889	RB_9.13.24	6010B AND 6020	24I0889-05
			SW7470	24I0889-05
			SW8260	24I0889-05
			SW8270	24I0889-05
			SW8270DSIM	24I0889-05
		SB-40 (22-24)	SM 2540G	24I0889-02
			SW6010	24I0889-02
			SW7473	24I0889-02
			SW8260	24I0889-02
			SW8260	24I0889-02RE1
			SW8270	24I0889-02
		SB-41 (5-9)	SM 2540G	24I0889-03

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I0889	SB-41 (5-9)	SW6010	24I0889-03
			SW7473	24I0889-03
			SW8260	24I0889-03
			SW8270	24I0889-03
		SB-43 (13-15)	SM 2540G	24I0889-04
			SW6010	24I0889-04
			SW7473	24I0889-04
			SW8260	24I0889-04
			SW8260	24I0889-04RE1
			SW8270	24I0889-04
		SB-44 (22-25)	SM 2540G	24I0889-01
			SW6010	24I0889-01
			SW7473	24I0889-01
			SW8260	24I0889-01
			SW8260	24I0889-01RE1
			SW8270	24I0889-01
	24I1005	BS-200	SM 2540G	24I1005-13
			SW6010	24I1005-13RE1
			SW6010	24I1005-13
			SW7473	24I1005-13
		CS-1	SM 2540G	24I1005-05
			SW6010	24I1005-05
			SW7473	24I1005-05
			SW8081	24I1005-05
			SW8082	24I1005-05
			SW8270	24I1005-05
		CS-2	SM 2540G	24I1005-07
			SW6010	24I1005-07
			SW7473	24I1005-07
			SW8081	24I1005-07
			SW8082	24I1005-07
			SW8270	24I1005-07
		CS-3	SM 2540G	24I1005-09
			SW6010	24I1005-09
			SW7473	24I1005-09
			SW8081	24I1005-09
			SW8082	24I1005-09

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I1005	CS-3	SW8270	24I1005-09
		CS-4	SM 2540G	24I1005-11
			SW6010	24I1005-11
			SW7473	24I1005-11
			SW8081	24I1005-11
			SW8082	24I1005-11
			SW8270	24I1005-11
		GS-1	SM 2540G	24I1005-04
			SW8260	24I1005-04
		GS-2	SM 2540G	24I1005-06
			SW8260	24I1005-06
		GS-3	SM 2540G	24I1005-08
			SW8260	24I1005-08
		GS-4	SM 2540G	24I1005-10
			SW8260	24I1005-10
		RB_9.16.24	6010B AND 6020	24I1005-12
			SW7470	24I1005-12
			SW8081	24I1005-12
			SW8082	24I1005-12
			SW8151	24I1005-12
			SW8260	24I1005-12
			SW8270	24I1005-12
			SW8270DSIM	24I1005-12
		SB-37 (2.5-3.5)	SM 2540G	24I1005-02
			SW6010	24I1005-02
			SW7473	24I1005-02
			SW8151	24I1005-02
			SW8260	24I1005-02
			SW8270	24I1005-02
		SB-38 (3-5)	SM 2540G	24I1005-03
			SW6010	24I1005-03
			SW7473	24I1005-03
			SW8151	24I1005-03
			SW8260	24I1005-03
			SW8270	24I1005-03
		SB-39 (1.5-3.5)	SM 2540G	24I1005-01
			SW6010	24I1005-01

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I1005	SB-39 (1.5-3.5)	SW7473	24I1005-01
			SW8151	24I1005-01
			SW8260	24I1005-01
			SW8270	24I1005-01

Table A-2. Data Validation Codes and Definitions
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Event

Qualifier	Description
UJ	Analyte detected in blank
J	Estimated value
J-	Estimated with negative bias
J+	Estimated with positive bias
R	Rejected data

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date*	*Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
CS-1						
CS-1	**24I1005-05**	**9/16/2024**				
2,4-Dinitrophenol			< 0.0859	mg/kg	UJ	CCV - 21.9% Diff
4,6-Dinitro-2-methylphenol			< 0.0859	mg/kg	UJ	CCV - 52.5% Diff
Acenaphthene			< 0.0431	mg/kg	UJ	CCV - 20.1% Diff
Acenaphthylene			0.0604	mg/kg	J	CCV - 23.7% Diff; Result <RL & >MDL
Anthracene			0.0742	mg/kg	J	Result <RL & >MDL
Benzo(a)pyrene			0.0707	mg/kg	J	Result <RL & >MDL
Benzoic acid			< 0.0431	mg/kg	UJ	CCV - 53.1% Diff
bis(2-Chloroethoxy)methane			< 0.0431	mg/kg	UJ	CCV - 21.2% Diff
bis(2-Chloroisopropyl)ether			< 0.0431	mg/kg	UJ	CCV - 31.9% Diff
bis(2-Ethylhexyl)phthalate			< 0.0431	mg/kg	UJ	CCV - 26.8% Diff
Hexachlorocyclopentadiene			< 0.0431	mg/kg	UJ	CCV - 49.4% Diff
Mercury			0.178	mg/kg	J	Lab Dup - 151 RPD
N-Nitrosodimethylamine			< 0.0431	mg/kg	UJ	CCV - 27.4% Diff
Pyridine			< 0.172	mg/kg	UJ	CCV - 25.1% Diff
CS-2						
CS-2	**24I1005-07**	**9/16/2024**				
2,4-Dinitrophenol			< 0.0849	mg/kg	UJ	CCV - 21.9% Diff
4,6-Dinitro-2-methylphenol			< 0.0849	mg/kg	UJ	CCV - 52.5% Diff
Acenaphthene			< 0.0426	mg/kg	UJ	CCV - 20.1% Diff
Acenaphthylene			< 0.0426	mg/kg	UJ	CCV - 23.7% Diff
Benzoic acid			< 0.0426	mg/kg	UJ	CCV - 53.1% Diff
bis(2-Chloroethoxy)methane			< 0.0426	mg/kg	UJ	CCV - 21.2% Diff
bis(2-Chloroisopropyl)ether			< 0.0426	mg/kg	UJ	CCV - 31.9% Diff
bis(2-Ethylhexyl)phthalate			< 0.0426	mg/kg	UJ	CCV - 26.8% Diff
Fluorene			0.0462	mg/kg	J	Result <RL & >MDL
Hexachlorocyclopentadiene			< 0.0426	mg/kg	UJ	CCV - 49.4% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date*	*Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
CS-2						
CS-2	**24I1005-07**	**9/16/2024**				
Mercury			0.105	mg/kg	J	Lab Dup - 151 RPD
N-Nitrosodimethylamine			< 0.0426	mg/kg	UJ	CCV - 27.4% Diff
Pyridine			< 0.17	mg/kg	UJ	CCV - 25.1% Diff
CS-3						
CS-3	**24I1005-09**	**9/16/2024**				
2,4-Dinitrophenol			< 0.0931	mg/kg	UJ	CCV - 21.9% Diff
4,6-Dinitro-2-methylphenol			< 0.0931	mg/kg	UJ	CCV - 52.5% Diff
Acenaphthene			< 0.0466	mg/kg	UJ	CCV - 20.1% Diff
Acenaphthylene			0.0528	mg/kg	J	CCV - 23.7% Diff; Result <RL & >MDL
Benzoic acid			< 0.0466	mg/kg	UJ	CCV - 53.1% Diff
bis(2-Chloroethoxy)methane			< 0.0466	mg/kg	UJ	CCV - 21.2% Diff
bis(2-Chloroisopropyl)ether			< 0.0466	mg/kg	UJ	CCV - 31.9% Diff
bis(2-Ethylhexyl)phthalate			< 0.0466	mg/kg	UJ	CCV - 26.8% Diff
Carbazole			0.0484	mg/kg	J	Result <RL & >MDL
Hexachlorocyclopentadiene			< 0.0466	mg/kg	UJ	CCV - 49.4% Diff
N-Nitrosodimethylamine			< 0.0466	mg/kg	UJ	CCV - 27.4% Diff
Pyridine			< 0.186	mg/kg	UJ	CCV - 25.1% Diff
CS-4						
CS-4	**24I1005-11**	**9/16/2024**				
4,6-Dinitro-2-methylphenol			< 0.0838	mg/kg	UJ	CCV - 34.4% Diff
4-Nitroaniline			< 0.0838	mg/kg	UJ	CCV - 20.7% Diff
Acenaphthene			0.0449	mg/kg	J	Result <RL & >MDL
Dibenz(a,h)anthracene			0.061	mg/kg	J	Result <RL & >MDL
Pentachlorophenol			< 0.042	mg/kg	UJ	CCV - 23.0% Diff
Pyridine			< 0.168	mg/kg	UJ	CCV - 22.9% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
GS-1					
GS-1	**24I1005-04**	**9/16/2024**			
Chloromethane		< 0.0027	mg/kg	UJ	CCV - 22.8% Diff
Dichlorodifluoromethane		< 0.0027	mg/kg	UJ	CCV - 46.3% Diff
Methylene chloride		0.019	mg/kg	J	Cal - 66.5 RRF RSD
GS-2					
GS-2	**24I1005-06**	**9/16/2024**			
Dichlorodifluoromethane		< 0.0025	mg/kg	UJ	CCV - 57.7% Diff
Methylene chloride		0.017	mg/kg	J	Cal - 66.5 RRF RSD; MB - Result (0.020 mg/kg) > RL
Tetrachloroethene		< 0.0025	mg/kg	UJ	CCV - 35.9% Diff
GS-3					
GS-3	**24I1005-08**	**9/16/2024**			
Dichlorodifluoromethane		< 0.0023	mg/kg	UJ	CCV - 57.7% Diff
Methylene chloride		0.015	mg/kg	J	Cal - 66.5 RRF RSD; MB - Result (0.020 mg/kg) > RL
Tetrachloroethene		< 0.0023	mg/kg	UJ	CCV - 35.9% Diff
GS-4					
GS-4	**24I1005-10**	**9/16/2024**			
Dichlorodifluoromethane		< 0.0031	mg/kg	UJ	CCV - 57.7% Diff
Methylene chloride		0.022	mg/kg	J	Cal - 66.5 RRF RSD; MB - Result (0.020 mg/kg) > RL
Tetrachloroethene		< 0.0031	mg/kg	UJ	CCV - 35.9% Diff
Rinsate Blank					
RB_8.26.24	**24H1788-06**	**8/26/2024**			
2,3,4,6-Tetrachlorophenol		< 2.5	ug/l	UJ	CCV - 21.8% Diff
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 83.4% Diff
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 25.6% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date*		*Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank							
RB_8.26.24	**24H1788-06**	**8/26/2024**					
4,6-Dinitro-2-methylphenol			<	2.5	ug/l	UJ	CCV - 91.8% Diff
4-Nitrophenol			<	5	ug/l	UJ	CCV - 95.7% Diff
Aniline			<	2.5	ug/l	UJ	CCV - 49.1% Diff
Antimony			<	1.11	ug/l	UJ	CCV - 87.5% Rec
Benzoic acid			<	2.5	ug/l	R	LCS - 18% Rec
bis(2-Chloroethyl)ether			<	1	ug/l	UJ	CCV - 112% Diff
Bromomethane			<	0.119	ug/l	UJ	LCS - 35.3% Rec
Butyl benzyl phthalate			<	2.5	ug/l	UJ	CCV - 30.8% Diff
Di-N-Octyl phthalate			<	2.5	ug/l	UJ	CCV - 25.4% Diff
Hexachlorobenzene			<	0.02	ug/l	R	LCS - 8% Rec
N-Nitrosodimethylamine			<	0.5	ug/l	R	LCS - 0% Rec
Pentachlorophenol			<	0.25	ug/l	UJ	CCV - 118% Diff
Tetrachloroethene			<	0.239	ug/l	UJ	LCS - 49.9% Rec
trans-1,3-Dichloropropene				0.32	ug/l	J	Result <RL & >MDL
Zinc				8.26	ug/l	J	Lab Dup - 73.8 RPD; SD - 149% Diff
RB_8.28.24	**24H2011-08**	**8/28/2024**					
2,4-Dichlorophenol			<	2.5	ug/l	UJ	CCV - 111% Diff
2,4-Dinitrotoluene			<	2.5	ug/l	UJ	CCV - 36.1% Diff
2,6-Dinitrotoluene			<	2.5	ug/l	UJ	CCV - 23.3% Diff
4,6-Dinitro-2-methylphenol			<	2.5	ug/l	UJ	CCV - 114% Diff
4-Nitrophenol			<	5	ug/l	UJ	CCV - 96% Diff
Aniline			<	2.5	ug/l	UJ	CCV - 58.9% Diff
Antimony			<	1.11	ug/l	UJ	CCV - 84.4% Rec
Benzidine			<	5	ug/l	UJ	CCV - 20.2% Diff
Benzoic acid			<	2.5	ug/l	R	LCS - 0% Rec; CCV - 29.6% Rec
Beryllium			<	0.333	ug/l	UJ	CCV - 75.0% Rec
bis(2-Chloroethyl)ether			<	1	ug/l	UJ	CCV - 126% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_8.28.24	**24H2011-08**	**8/28/2024**			
Butyl benzyl phthalate		< 2.5	ug/l	UJ	CCV - 22.2% Diff
Cadmium		< 0.556	ug/l	UJ	CCV - 85.1% Rec
Chromium		1.17	ug/l	J-	CCV - 89.4% Rec
Nickel		< 1.11	ug/l	UJ	CCV - 88.5% Rec
Tetrachloroethene		< 0.239	ug/l	UJ	CCV - 32.8% Diff; LCS - 59.4% Rec
RB_8.29.24	**24H2129-04**	**8/29/2024**			
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 74.9% Diff
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 47.7% Diff
2,6-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 36.0% Diff
2-Nitroaniline		< 2.5	ug/l	UJ	CCV - 24.1% Diff
3,3'-Dichlorobenzidine		< 2.5	ug/l	UJ	CCV - 48.6% Diff
3-Nitroaniline		< 2.5	ug/l	UJ	CCV - 45.3% Diff
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	UJ	CCV - 68.1% Diff
4-Bromophenyl-phenylether		< 2.5	ug/l	UJ	CCV - 24.2% Diff
4-Chloroaniline		< 2.5	ug/l	UJ	CCV - 31.8% Diff
4-Chlorophenyl-phenylether		< 2.5	ug/l	UJ	CCV - 32.2% Diff
4-Nitroaniline		< 2.5	ug/l	UJ	CCV - 21.7% Diff
Acetone		< 1.34	ug/l	UJ	CCV - 29.1% Diff; LCS - 193% Rec
Antimony		< 1.11	ug/l	UJ	CCV - 84.8% Rec
Benzidine		< 5	ug/l	UJ	CCV - 101% Diff
Benzoic acid		< 2.5	ug/l	R	LCS - 0% Rec
Beryllium		< 0.333	ug/l	UJ	CCV - 88.3% Rec
Bromomethane		< 0.119	ug/l	UJ	CCV - 77.5% Diff
Cadmium		< 0.556	ug/l	UJ	CCV - 86.8% Rec
Caprolactam		< 2.5	ug/l	UJ	CCV - 24.3% Diff
Chloromethane		< 0.372	ug/l	UJ	CCV - 29.4% Diff
Diethylphthalate		< 2.5	ug/l	UJ	CCV - 20.6% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_8.29.24	**24H2129-04**	**8/29/2024**			
Di-N-Octyl phthalate		< 2.5	ug/l	UJ	CCV - 43.6% Diff
Hexachlorobenzene		< 0.02	ug/l	R	LCS - 10% Rec
N-Nitrosodimethylamine		< 0.5	ug/l	R	LCS - 0% Rec
Pentachlorophenol		< 0.25	ug/l	UJ	CCV - 68.4% Diff
Pyridine		< 2.5	ug/l	R	LCS - 7.5% Rec
Tetrachloroethene		< 0.239	ug/l	UJ	CCV - 33.4% Diff; LCS - 53.5% Rec
RB_8.30.24	**24I0046-03**	**8/30/2024**			
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.286	ug/l	UJ	CCV - 20.7% Diff
1,2,3-Trichlorobenzene		< 0.222	ug/l	UJ	CCV - 21.8% Diff
1,2,4-Trichlorobenzene		< 0.138	ug/l	UJ	CCV - 24.3% Diff
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 103% Diff
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 34.4% Diff
2,6-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 21.2% Diff
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	UJ	CCV - 108% Diff
Acetone		< 1.34	ug/l	UJ	CCV - 24.7% Diff
Antimony		< 1.11	ug/l	UJ	CCV - 85.4% Rec
Arsenic		< 1.11	ug/l	UJ	CCV - 89.2% Rec
Benzidine		< 5	ug/l	UJ	CCV - 25.1% Diff
Benzoic acid		< 2.5	ug/l	R	LCS - 0% Rec; 24.8 CCV
bis(2-Chloroethyl)ether		< 1	ug/l	UJ	CCV - 21.2% Diff
Bromomethane		< 0.119	ug/l	UJ	CCV - 47.1% Diff
Butyl benzyl phthalate		< 2.5	ug/l	UJ	CCV - 24.7% Diff
Carbon disulfide		< 0.362	ug/l	UJ	CCV - 25.7% Diff
Chloromethane		< 0.372	ug/l	UJ	CCV - 23.2% Diff
Hexachlorobenzene		< 0.02	ug/l	R	LCS - 10% Rec
Hexachlorobutadiene		< 0.241	ug/l	UJ	CCV - 24.1% Diff
N-Nitrosodimethylamine		< 0.5	ug/l	R	LCS - 0% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_8.30.24	**24I0046-03**	**8/30/2024**			
Pentachlorophenol		< 0.25	ug/l	UJ	CCV - 68.4% Diff
Pyridine		< 2.5	ug/l	R	LCS - 7.5% Rec
RB_9.12.24	**24I0791-09**	**9/12/2024**			
1,1,2-Trichloroethane		< 0.249	ug/l	UJ	LCS - 80.3% Rec
1,2-Dichloroethane		< 0.377	ug/l	UJ	LCS - 80.7% Rec
2,3,4,6-Tetrachlorophenol		< 2.5	ug/l	UJ	CCV - 25.3% Diff
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 35.7% Diff
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 31.9% Diff
2,6-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 21.9% Diff
2-Methylphenol		< 2.5	ug/l	UJ	CCV - 46.4% Diff
3- And 4- Methylphenol (Total)		< 2.5	ug/l	UJ	CCV - 42.5% Diff
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	UJ	CCV - 87.6% Diff
Acrolein		< 0.447	ug/l	UJ	CCV - 85.6% Diff
Aniline		< 2.5	ug/l	UJ	CCV - 62.8% Diff
bis(2-Chloroethyl)ether		< 1	ug/l	UJ	CCV - 131% Diff
Bromochloromethane		< 0.354	ug/l	UJ	CCV - 55.4% Diff
Chloromethane		< 0.372	ug/l	UJ	CCV - 32.2% Diff
cis-1,3-Dichloropropene		< 0.262	ug/l	UJ	LCS - 79.0% Rec
Copper		6.71	ug/l	J	Lab Dup - 4.61 ug/L Diff; SD - 46.9% Diff
Dichlorodifluoromethane		< 0.451	ug/l	UJ	CCV - 55.3% Diff
Hexachlorobenzene		< 0.02	ug/l	R	LCS - 10% Rec
N-Nitrosodimethylamine		< 0.5	ug/l	R	LCS - 0% Rec
Phenol		< 0.75	ug/l	UJ	CCV - 91.2% Diff
Pyridine		< 2.5	ug/l	UJ	CCV - 23.3% Diff
Tetrachloroethene		< 0.239	ug/l	UJ	LCS - 49.0% Rec
Vinylchloride		< 0.469	ug/l	UJ	CCV - 21.0% Diff
Zinc		14.7	ug/l	J+	LCSD - 123% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_9.13.24	**24I0889-05**	**9/13/2024**			
1,1,2-Trichloroethane		< 0.249	ug/l	UJ	LCS - 80.3% Rec
1,2-Dichloroethane		< 0.377	ug/l	UJ	LCS - 80.7% Rec
2,3,4,6-Tetrachlorophenol		< 2.5	ug/l	UJ	CCV - 25.3% Diff
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 35.7% Diff
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 31.9% Diff
2,6-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 21.9% Diff
2-Methylphenol		< 2.5	ug/l	UJ	CCV - 46.4% Diff
3- And 4- Methylphenol (Total)		< 2.5	ug/l	UJ	CCV - 42.5% Diff
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	UJ	CCV - 87.6% Diff
Acrolein		< 0.447	ug/l	UJ	CCV - 85.6% Diff
Aniline		< 2.5	ug/l	UJ	CCV - 62.8% Diff
bis(2-Chloroethyl)ether		< 1	ug/l	UJ	CCV - 131% Diff
Bromochloromethane		< 0.354	ug/l	UJ	CCV - 55.4% Diff
Chloromethane		< 0.372	ug/l	UJ	CCV - 32.2% Diff
cis-1,3-Dichloropropene		< 0.262	ug/l	UJ	LCS - 79.0% Rec
Dichlorodifluoromethane		< 0.451	ug/l	UJ	CCV - 55.3% Diff
Phenol		< 0.75	ug/l	UJ	CCV - 91.2% Diff
Pyridine		< 2.5	ug/l	UJ	CCV - 23.3% Diff
Tetrachloroethene		< 0.239	ug/l	UJ	LCS - 49.0% Rec
Vinylchloride		< 0.469	ug/l	UJ	CCV - 21.0% Diff
RB_9.16.24	**24I1005-12**	**9/16/2024**			
1,2,3-Trichlorobenzene		< 0.222	ug/l	UJ	CCV - 20.7% Diff
1,3-Dichlorobenzene		< 0.283	ug/l	UJ	LCS - 83.5% Rec
1,4-Dichlorobenzene		< 0.311	ug/l	UJ	LCS - 82.6% Rec
1,4-Dioxane		< 35.3	ug/l	UJ	CCV - 46.9% Diff
2,3,4,6-Tetrachlorophenol		< 2.5	ug/l	UJ	CCV - 20.6% Diff
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 28.6% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_9.16.24	**24I1005-12**	**9/16/2024**			
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 31.7% Diff
2,6-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 21.5% Diff
2-Methylphenol		< 2.5	ug/l	UJ	CCV - 43.8% Diff
3- And 4- Methylphenol (Total)		< 2.5	ug/l	R	LCS - 0% Rec; LCSD - 186 RPD; CCV - 39.2% Diff
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	UJ	CCV - 91.6% Diff
4-Nitrophenol		< 5	ug/l	UJ	CCV - 94.5% Diff
Acrolein		< 0.447	ug/l	UJ	CCV - 27.9% Diff
Aniline		< 2.5	ug/l	UJ	CCV - 69.1% Diff; LCSD - 21.7 RPD
Benzoic acid		< 2.5	ug/l	R	LCS - 0% Rec; CCV - 21.3% Diff
bis(2-Chloroethyl)ether		< 1	ug/l	UJ	CCV - 141% Diff
bis(2-Chloroisopropyl)ether		< 2.5	ug/l	UJ	LCSD - 22.2% Rec
Chlorobenzene		< 0.284	ug/l	UJ	LCS - 87.4% Rec
Dichlorodifluoromethane		< 0.451	ug/l	UJ	CCV - 28.5% Diff
Hexachlorobenzene		< 0.1	ug/l	R	LCS - 5% Rec;
Hexachlorobutadiene		< 2.5	ug/l	R	LCS - 0% Rec;
Hexachloroethane		< 2.5	ug/l	UJ	CCV - 36.9% Diff
N-Nitrosodimethylamine		< 2.5	ug/l	R	LCS - 0% Rec;
Pentachlorophenol		< 1.25	ug/l	R	LCS - 0% Rec;
Pyridine		< 2.5	ug/l	R	LCS - 0% Rec
Tetrachloroethene		< 0.239	ug/l	UJ	CCV - 44.9% Diff
RB_9.3.24	**24I0221-04**	**9/3/2024**			
1,2,4,5-Tetrachlorobenzene		< 2.5	ug/l	R	IS - <4 % Area
1,2-Diphenylhydrazine		< 2.5	ug/l	R	IS - <4 % Area
2,3,4,6-Tetrachlorophenol		< 2.5	ug/l	R	IS - <4 % Area
2,4,5-Trichlorophenol		< 2.5	ug/l	R	IS - <4 % Area
2,4,6-Trichlorophenol		< 2.5	ug/l	R	IS - <4 % Area

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_9.3.24	**24I0221-04**	**9/3/2024**			
2,4-Dichlorophenol		< 2.5	ug/l	R	IS - <4 % Area
2,4-Dimethylphenol		< 2.5	ug/l	R	IS - <4 % Area
2,4-Dinitrophenol		< 2.5	ug/l	R	IS - <4 % Area
2,4-Dinitrotoluene		< 2.5	ug/l	R	IS - <4 % Area
2,6-Dinitrotoluene		< 2.5	ug/l	R	IS - <4 % Area
2-Chloronaphthalene		< 2.5	ug/l	R	IS - <4 % Area
2-Chlorophenol		< 2.5	ug/l	R	IS - <4 % Area
2-Hexanone		< 0.32	ug/l	UJ	CCV - 21.8% Diff
2-Methylnaphthalene		< 2.5	ug/l	R	IS - <4 % Area
2-Methylphenol		< 2.5	ug/l	R	IS - <4 % Area
2-Nitroaniline		< 2.5	ug/l	R	IS - <4 % Area
2-Nitrophenol		< 2.5	ug/l	R	IS - <4 % Area
3- And 4- Methylphenol (Total)		< 2.5	ug/l	R	IS - <4 % Area
3,3'-Dichlorobenzidine		< 2.5	ug/l	R	IS - <4 % Area
3-Nitroaniline		< 2.5	ug/l	R	IS - <4 % Area
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	R	IS - <4 % Area
4-Bromophenyl-phenylether		< 2.5	ug/l	R	IS - <4 % Area
4-Chloroaniline		< 2.5	ug/l	R	IS - <4 % Area
4-Chlorophenyl-phenylether		< 2.5	ug/l	R	IS - <4 % Area
4-Nitroaniline		< 2.5	ug/l	R	IS - <4 % Area
4-Nitrophenol		< 5	ug/l	R	IS - <4 % Area
Acetone		< 1.34	ug/l	UJ	CCV - 40.1% Diff
Acetophenone		< 2.5	ug/l	R	IS - <4 % Area
Aniline		< 2.5	ug/l	R	IS - <4 % Area
Benzaldehyde		< 2.5	ug/l	R	IS - <4 % Area
Benzidine		< 5	ug/l	R	IS - <4 % Area
Benzoic acid		< 2.5	ug/l	R	IS - <4 % Area

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_9.3.24	**24I0221-04**	**9/3/2024**			
Benzyl alcohol		< 2.5	ug/l	R	IS - <4 % Area
Biphenyl (Diphenyl or 1,1'-Biphenyl)		< 2.5	ug/l	R	IS - <4 % Area
bis(2-Chloroethoxy)methane		< 2.5	ug/l	R	IS - <4 % Area
bis(2-Chloroethyl)ether		< 1	ug/l	R	IS - <4 % Area
bis(2-Chloroisopropyl)ether		< 2.5	ug/l	R	IS - <4 % Area
Butyl benzyl phthalate		< 2.5	ug/l	R	IS - <4 % Area
Caprolactam		< 2.5	ug/l	R	IS - <4 % Area
Carbazole		< 2.5	ug/l	R	IS - <4 % Area
Dibenzofuran		< 2.5	ug/l	R	IS - <4 % Area
Dichlorodifluoromethane		< 0.451	ug/l	UJ	CCV - 38.3% Diff
Diethylphthalate		< 2.5	ug/l	R	IS - <4 % Area
Dimethyl phthalate		< 2.5	ug/l	R	IS - <4 % Area
Di-N-Butyl phthalate		< 2.5	ug/l	R	IS - <4 % Area
Di-N-Octyl phthalate		< 2.5	ug/l	R	IS - <4 % Area
Diphenylamine		< 2.5	ug/l	R	IS - <4 % Area
Hexachlorobenzene		< 0.02	ug/l	R	LCS - 9% Rec
Hexachlorocyclopentadiene		< 5	ug/l	R	IS - <4 % Area
Isophorone		< 2.5	ug/l	R	IS - <4 % Area
N-Nitrosodimethylamine		< 0.5	ug/l	R	LCS - 9% Rec
N-Nitroso-di-N-propylamine		< 2.5	ug/l	R	IS - <4 % Area
N-Nitrosodiphenylamine		< 2.5	ug/l	R	IS - <4 % Area
p-Chloro-m-cresol		< 2.5	ug/l	R	IS - <4 % Area
Phenol		< 0.75	ug/l	R	IS - <4 % Area
Pyridine		< 2.5	ug/l	R	IS - <4 % Area
Tert-Butyl Alcohol		< 0.608	ug/l	UJ	CCV - 24.9% Diff
Tetrachloroethene		< 0.239	ug/l	UJ	CCV - 46.7% Diff; LCS - 46.3% Rec

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_9.5.24	**24I0294-07**	**9/5/2024**			
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 123% Diff
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 36.6% Diff
2,6-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 25.5% Diff
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	UJ	CCV - 114% Diff
4-Nitrophenol		< 5	ug/l	UJ	CCV - 95.2% Diff
Acetone		< 1.34	ug/l	UJ	CCV - 26.2% Diff
Aniline		< 2.5	ug/l	UJ	CCV - 53.5% Diff
Benzoic acid		< 2.5	ug/l	R	LCS - 0% Rec; CCV - 31.8% Diff
bis(2-Chloroisopropyl)ether		< 2.5	ug/l	UJ	CCV - 118% Diff
Butyl benzyl phthalate		< 2.5	ug/l	UJ	CCV - 21.0% Diff
Chloromethane		< 0.372	ug/l	UJ	CCV - 24.8% Diff
Chromium		1.16	ug/l	J-	CCV - 88.1% Rec
Copper		< 1.11	ug/l	UJ	CCV - 84.6% Rec
Dichlorodifluoromethane		< 0.451	ug/l	UJ	CCV - 45.9% Diff
Hexachlorobenzene		< 0.02	ug/l	R	LCS - 9% Rec
Hexachlorobutadiene		< 0.5	ug/l	R	LCS - 0% Rec
Hexachloroethane		< 0.5	ug/l	R	LCS - 0% Rec
Nickel		< 1.11	ug/l	UJ	CCV - 88.0% Rec
N-Nitrosodimethylamine		< 0.5	ug/l	R	LCS - 0% Rec
Pentachlorophenol		< 0.25	ug/l	UJ	CCV - 31.5% Diff
Pyrene		< 0.05	ug/l	UJ	CCV - 31.4% Diff
Tetrachloroethene		< 0.239	ug/l	UJ	CCV - 40.1% Diff; LCS - 56.9% Rec
Trichloroethene		3.59	ug/l	UJ	CCV - 208% Diff; MB Detect; LCS Exc
Zinc		10.6	ug/l	J-	CCV - 87.9% Rec
RB_9.9.24	**24I0746-05**	**9/9/2024**			
1,3-Dichlorobenzene		< 0.283	ug/l	UJ	LCS - 83.1% Rec
1,4-Dichlorobenzene		< 0.311	ug/l	UJ	LCS - 82.0% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date*	*Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank						
RB_9.9.24	**24I0746-05**	**9/9/2024**				
2,4-Dinitrophenol			< 2.5	ug/l	UJ	CCV - 124% Diff
2,4-Dinitrotoluene			< 2.5	ug/l	UJ	CCV - 37.8% Diff
2,6-Dinitrotoluene			< 2.5	ug/l	UJ	CCV - 25.7% Diff
4,6-Dinitro-2-methylphenol			< 2.5	ug/l	UJ	CCV - 117% Diff
4-Chloroaniline			< 2.5	ug/l	UJ	LCSD - 20.7 RPD
4-Nitrophenol			< 5	ug/l	R	LCS - 0% Rec; CCV - 95.3% Diff
Acrolein			< 0.447	ug/l	UJ	CCV - 38.2% Diff
Aniline			< 2.5	ug/l	UJ	CCV - 61.2% Diff
Benzoic acid			< 2.5	ug/l	R	LCS - 0% Rec; CCV - 38.0% Diff
bis(2-Chloroethyl)ether			< 1	ug/l	UJ	CCV - 129% Diff
Bromomethane			< 0.119	ug/l	UJ	CCV - 59.7% Diff
Butyl benzyl phthalate			< 2.5	ug/l	UJ	CCV - 21.4% Diff
Chlorobenzene			< 0.284	ug/l	UJ	LCS - 85.9% Rec
Chloromethane			< 0.372	ug/l	UJ	CCV - 39.5% Diff
Chromium			2.15	ug/l	J	Lab Dup - 51.4 RPD
Dichlorodifluoromethane			< 0.451	ug/l	UJ	CCV - 26.1% Diff
Hexachlorobenzene			< 0.02	ug/l	R	LCS - 8% Rec
N-Nitrosodimethylamine			< 0.5	ug/l	R	LCS - 0% Rec
Phenanthrene			0.1	ug/l	J+	LCS - 204% Rec
Tetrachloroethene			< 0.239	ug/l	UJ	LCS - 56.0% Rec
Zinc			13.6	ug/l	J	Lab Dup - 54.3 RPD
SB-1 (12-14)						
SB-1 (12-14)	**24H1788-01**	**8/26/2024**				
1,1,1,2-Tetrachloroethane			< 0.0019	mg/kg	UJ	CCV - 24.4% Diff
1,1,2-Trichloro-1,2,2-Trifluoroethane			< 0.0019	mg/kg	UJ	CCV - 21.4% Diff
Methylene chloride			0.0061	mg/kg	J	Result <RL & >MDL

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-10 (23-26)					
SB-10 (23-26)	**24I0746-11**	**9/10/2024**			
2,4-Dinitrotoluene		< 0.0437	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0872	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0872	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0872	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		25.6	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.038	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.0437	mg/kg	UJ	CCV - 21.3% Diff
Nickel		16.8	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.0437	mg/kg	UJ	CCV - 26.6% Diff
Pyridine		< 0.175	mg/kg	UJ	CCV - 23.4% Diff
Tetrachloroethene		< 0.0021	mg/kg	UJ	LCS - 79.2% Rec
SB-11 (20-23)					
SB-11 (20-23)	**24I0746-12**	**9/11/2024**			
2,4-Dinitrotoluene		< 0.0877	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.175	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.175	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.175	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		14.1	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.039	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.0877	mg/kg	UJ	CCV - 21.3% Diff
Fluorene		0.11	mg/kg	J	Result <RL & >MDL
Nickel		17.1	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.0877	mg/kg	UJ	CCV - 26.6% Diff
Phenanthrene		0.15	mg/kg	J	Result <RL & >MDL
Pyridine		< 0.35	mg/kg	UJ	CCV - 23.4% Diff
Tetrachloroethene		< 0.0026	mg/kg	UJ	LCS - 79.2% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-12 (10-12)					
SB-12 (10-12)	**24I0791-04**	**9/12/2024**			
2-Hexanone		< 0.0035	mg/kg	UJ	CCV - 0.097 RF
4,6-Dinitro-2-methylphenol		< 0.104	mg/kg	UJ	CCV - 20.7% Diff
Acetone		0.068	mg/kg	J+	LCS - 180% Rec
Aroclor-1260		< 0.021	mg/kg	UJ	CCV = 25.8% Diff
Chloromethane		< 0.0035	mg/kg	UJ	CCV - 22.8% Diff
Dichlorodifluoromethane		< 0.0035	mg/kg	UJ	CCV - 46.3% Diff
Fluoranthene		0.07	mg/kg	J	Result <RL & >MDL
Fluorene		0.065	mg/kg	J	Result <RL & >MDL
Isopropylbenzene (Cumene)		0.32	mg/kg	J+	Surr - 153% Rec
Methylene chloride		0.026	mg/kg	J	Cal - 66.5 RF RSD
Pyrene		0.0892	mg/kg	J	Result <RL & >MDL
SB-13 (2-4)					
SB-13 (2-4)	**24I0791-07**	**9/12/2024**			
2,4-Dinitrophenol		< 0.0949	mg/kg	UJ	CCV-81.3% Diff
4,6-Dinitro-2-methylphenol		< 0.0949	mg/kg	UJ	CCV-29.3% Diff
4-Bromophenyl-phenylether		< 0.0476	mg/kg	UJ	CCV-22.5% Diff
4-Nitrophenol		< 0.0949	mg/kg	UJ	CCV-25.0% Diff
Acenaphthene		0.0804	mg/kg	J	Result <RL & >MDL
Acenaphthylene		0.088	mg/kg	J	Result <RL & >MDL
Acetone		< 0.0059	mg/kg	J+	LCSD - 205% Rec
Aroclor-1260		< 0.0195	mg/kg	UJ	CCV = 25.8% Diff
Benzoic acid		< 0.0476	mg/kg	UJ	CCV-42.1% Diff
Di-N-Octyl phthalate		< 0.0476	mg/kg	UJ	CCV-25.5% Diff
Fluorene		0.0903	mg/kg	J	Result <RL & >MDL
Hexachlorocyclopentadiene		< 0.0476	mg/kg	UJ	CCV-21.7% Diff
Methylene chloride		0.012	mg/kg	J	Cal - 66.5 RF RSD

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-13 (2-4)					
SB-13 (2-4)	**24I0791-07**	**9/12/2024**			
Tetrachloroethene		< 0.003	mg/kg	UJ	CCV - 22.8% Diff
SB-14 (12-15)					
SB-14 (12-15)	**24H2011-07**	**8/28/2024**			
1,1,1,2-Tetrachloroethane		< 0.0026	mg/kg	UJ	LCSD - 73.4% Rec
1,3,5-Trimethylbenzene (Mesitylene)		0.29	mg/kg	J+	Surr - 700% Rec
2,4-Dinitrophenol		< 0.0892	mg/kg	UJ	CCV - 38.9% Diff
2,4-Dinitrotoluene		< 0.0447	mg/kg	UJ	CCV - 27.5% Diff
2,6-Dinitrotoluene		< 0.0447	mg/kg	UJ	CCV - 26.0% Diff
4,6-Dinitro-2-methylphenol		< 0.0892	mg/kg	UJ	CCV - 31.7% Diff
Acetone		0.014	mg/kg	J+	LCS - 255% Rec
Benzidine		< 0.179	mg/kg	UJ	CCV - 33.8% Diff
Benzoic acid		< 0.0447	mg/kg	UJ	CCV - 20.5% Diff
bis(2-Ethylhexyl)phthalate		< 0.0447	mg/kg	UJ	CCV - 33.3% Diff
Butyl benzyl phthalate		< 0.0447	mg/kg	UJ	CCV - 39.1% Diff
Chlorobenzene		0.0068	mg/kg	J+	Surr - 700% Rec
Di-N-Octyl phthalate		< 0.0447	mg/kg	UJ	CCV - 39.4% Diff
Ethylbenzene		0.016	mg/kg	J+	Surr - 700% Rec
Hexachlorobenzene		< 0.0447	mg/kg	UJ	CCV - 23.1% Diff
Hexachlorocyclopentadiene		< 0.0447	mg/kg	UJ	CCV - 34.0% Diff
Isopropylbenzene (Cumene)		0.095	mg/kg	J+	Surr - 700% Rec
m,p-Xylene		0.044	mg/kg	J+	Surr - 700% Rec
Naphthalene		0.0642	mg/kg	J	Result <RL & >MDL
N-Butylbenzene		0.14	mg/kg	J+	Surr - 700% Rec
N-Propylbenzene		0.22	mg/kg	J+	Surr - 700% Rec
P-Cymene (P-Isopropyltoluene)		0.28	mg/kg	J+	LCSD - 136% Rec
Pentachlorophenol		< 0.0447	mg/kg	UJ	CCV - 43.8% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-14 (12-15)					
SB-14 (12-15)	**24H2011-07**	**8/28/2024**			
Pyrene		< 0.0447	mg/kg	UJ	CCV - 24.6% Diff
Sec-Butylbenzene		0.16	mg/kg	J+	Surr - 700% Rec
T-Butylbenzene		0.022	mg/kg	J+	Surr - 700% Rec
Tetrachloroethene		< 0.0026	mg/kg	UJ	LCSD - 72.1% Rec
Trichloroethene		0.0046	mg/kg	J	Lab Dup - 58.6 RPD; Result <RL & >MDL
Xylene (Total)		0.046	mg/kg	J+	Surr - 700% Rec
SB-15 (20-23)					
SB-15 (20-23)	**24I0791-05**	**9/12/2024**			
1,1,2,2-Tetrachloroethane		< 0.0027	mg/kg	R	MS - 0% Rec
2-Methylnaphthalene		2.53	mg/kg	J+	MS - 187% Rec; Field Dup - 67.9 RPD
4,6-Dinitro-2-methylphenol		< 0.088	mg/kg	UJ	CCV - 20.7% Diff
Acenaphthylene		0.224	mg/kg	J	Field Dup - 0.18 mg/kg Diff
Acetone		0.016	mg/kg	J+	LCSD - 205% Rec
Acrolein		< 0.0053	mg/kg	R	MS - 6.04% Rec
Antimony		< 1.86	mg/kg	UJ	MS - 25% Rec
Aroclor-1260		< 0.0178	mg/kg	UJ	CCV = 25.8% Diff
Arsenic		15.7	mg/kg	J	Field Dup - 41.5 RPD; SD - 49.4% Diff
Chromium		14.1	mg/kg	J	SD - 36.8% Diff
Chrysene		0.0577	mg/kg	J	Result <RL & >MDL
Copper		31.4	mg/kg	J+	MS - 195% Rec
Cyclohexane		< 0.0027	mg/kg	UJ	MS - 38.1% Rec
Dibenzofuran		0.54	mg/kg	J	Field Dup - 0.49 mg/kg Diff
Fluoranthene		0.0443	mg/kg	J	Result <RL & >MDL
Isopropylbenzene (Cumene)		0.062	mg/kg	R	MS - (-)75.4 Rec; Field Dup - 88.3 RPD
Lead		6.88	mg/kg	J	SD - 61.7% Diff
Methyl Acetate		< 0.0027	mg/kg	R	MS - 0% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-15 (20-23)					
SB-15 (20-23)	**24I0791-05**	**9/12/2024**			
Methylcyclohexane		0.025	mg/kg	R	MS - (-)13.6 Rec; Field Dup - 48.5 RPD
Methylene chloride		0.0078	mg/kg	J	Cal - 66.5 RF RSD; Result <RL & >MDL
Naphthalene		0.195	mg/kg	J	Field Dup - 0.15 mg/kg Diff
N-Butylbenzene		0.13	mg/kg	R	MS - (-)222 Rec; Field Dup - 47.1 RPD
Nickel		13.5	mg/kg	J	SD - 42.5% Diff
Nitrobenzene		< 0.0441	mg/kg	UJ	MS - 8.11% Rec
N-Propylbenzene		0.12	mg/kg	R	MS - (-)187 Rec; Field Dup - 80 RPD
Sec-Butylbenzene		0.068	mg/kg	J	MS - (-)91.7 Rec; Field Dup - 90 RPD
T-Butylbenzene		0.0069	mg/kg	J	Field Dup - 0.01 mg/kg Diff
Tetrachloroethene		< 0.0027	mg/kg	UJ	CCV - 22.8% Diff
Zinc		56.8	mg/kg	J	SD - 50.8% Diff
SB-DUP-3	**24I0791-06**	**9/12/2024**			
2,4-Dinitrophenol		< 0.0901	mg/kg	UJ	CCV-81.3% Diff
2-Methylnaphthalene		5.13	mg/kg	J	Field Dup - 67.9 RPD
4,6-Dinitro-2-methylphenol		< 0.0901	mg/kg	UJ	CCV-29.3% Diff
4-Bromophenyl-phenylether		< 0.0451	mg/kg	UJ	CCV-22.5% Diff
4-Nitrophenol		< 0.0901	mg/kg	UJ	CCV-25.0% Diff
Acenaphthylene		< 0.0451	mg/kg	UJ	Field Dup - 0.18 mg/kg Diff
Acetone		0.024	mg/kg	J+	LCSD - 205% Rec
Aroclor-1260		< 0.0181	mg/kg	UJ	CCV = 25.8% Diff
Arsenic		10.3	mg/kg	J	Field Dup - 41.5 RPD
Benz(a)anthracene		0.0497	mg/kg	J	Result <RL & >MDL
Benzoic acid		< 0.0451	mg/kg	UJ	CCV-42.1% Diff
Cyclohexane		0.0033	mg/kg	J	Result <RL & >MDL
Dibenzofuran		< 0.0451	mg/kg	UJ	Field Dup - 0.49 mg/kg Diff
Di-N-Octyl phthalate		< 0.0451	mg/kg	UJ	CCV-25.5% Diff
Fluoranthene		0.0576	mg/kg	J	Result <RL & >MDL

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-15 (20-23)					
SB-DUP-3	**24I0791-06**	**9/12/2024**			
Hexachlorocyclopentadiene		< 0.0451	mg/kg	UJ	CCV-21.7% Diff
Isopropylbenzene (Cumene)		0.16	mg/kg	J+	Surr - 146% Rec; Field Dup - 88.3 RPD
Methylcyclohexane		0.041	mg/kg	J	Field Dup - 48.5 RPD
Methylene chloride		0.0094	mg/kg	J	Cal - 66.5 RF RSD; Result <RL & >MDL
Naphthalene		< 0.0451	mg/kg	UJ	Field Dup - 0.15 mg/kg Diff
N-Butylbenzene		0.21	mg/kg	J+	Surr - 146% Rec; Field Dup - 47.1 RPD
Nitrobenzene		< 0.0451	mg/kg	UJ	MS - 8.11% Rec
N-Propylbenzene		0.28	mg/kg	J+	Surr - 146% Rec; Field Dup - 80 RPD
Sec-Butylbenzene		0.18	mg/kg	J+	Surr - 146% Rec; Field Dup - 90 RPD
T-Butylbenzene		0.019	mg/kg	J+	Surr - 146% Rec; Field Dup - 0.01 mg/kg Diff
Tetrachloroethene		< 0.0027	mg/kg	UJ	CCV - 22.8% Diff
SB-16 (21-24)					
SB-16 (21-24)	**24I0791-03**	**9/12/2024**			
1,2,3-Trichlorobenzene		< 0.0029	mg/kg	UJ	Surr - 52% Rec
1,2,4-Trichlorobenzene		< 0.0029	mg/kg	UJ	Surr - 52% Rec
1,2,4-Trimethylbenzene		< 0.0029	mg/kg	UJ	Surr - 52% Rec
1,2-Dichlorobenzene		< 0.0029	mg/kg	UJ	Surr - 52% Rec
1,3,5-Trimethylbenzene (Mesitylene)		< 0.0029	mg/kg	UJ	Surr - 52% Rec
1,3-Dichlorobenzene		< 0.0029	mg/kg	UJ	Surr - 52% Rec
1,4-Dichlorobenzene		< 0.0029	mg/kg	UJ	Surr - 52% Rec
4,6-Dinitro-2-methylphenol		< 0.0957	mg/kg	UJ	CCV - 20.7% Diff
Acetone		0.025	mg/kg	J+	LCSD - 186% Rec
Aroclor-1260		< 0.0193	mg/kg	UJ	CCV = 25.8% Diff
Chlorobenzene		< 0.0029	mg/kg	UJ	Surr - 52% Rec
Dichlorodifluoromethane		< 0.0029	mg/kg	UJ	CCV - 22.3% Diff
Fluorene		0.065	mg/kg	J	Result <RL & >MDL

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-16 (21-24)					
SB-16 (21-24)	**24I0791-03**	**9/12/2024**			
Methylene chloride		0.025	mg/kg	J+	MB - Detect (0.017 mg/kg); Cal - 66.5 RF RSD;
N-Butylbenzene		0.21	mg/kg	J-	Surr - 52% Rec
N-Propylbenzene		0.11	mg/kg	J-	Surr - 52% Rec
Sec-Butylbenzene		0.17	mg/kg	J-	Surr - 52% Rec
T-Butylbenzene		0.025	mg/kg	J-	Surr - 52% Rec
SB-17 (25-28)					
SB-17 (25-28)	**24I0746-04**	**9/9/2024**			
2,4-Dinitrotoluene		< 0.0493	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0984	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0984	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0984	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		12.8	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.042	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.0493	mg/kg	UJ	CCV - 21.3% Diff
Nickel		11.9	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.0493	mg/kg	UJ	CCV - 26.6% Diff
Pyridine		< 0.197	mg/kg	UJ	CCV - 23.4% Diff
Tetrachloroethene		< 0.0024	mg/kg	UJ	LCS - 79.2% Rec
SB-18 (2-5)					
SB-18 (2-5)	**24I0746-07**	**9/10/2024**			
2,4-Dinitrotoluene		< 0.0553	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.11	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.11	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.11	mg/kg	UJ	CCV - 27.0% Diff
Antimony		< 2.36	mg/kg	UJ	MS - 10% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / Field Sample ID / Parameter	Lab Sample ID	Sample Date / Value	Unit	Qualifier	*QC Type-Exceedance
SB-18 (2-5)					
SB-18 (2-5)	**24I0746-07**	**9/10/2024**			
Arsenic		66.2	mg/kg	J	Lab Dup - 48.2
Beryllium		0.724	mg/kg	J	Lab Dup - 48.5 RPD; Field Dup - 61 RPD
bis(2-Chloroisopropyl)ether		< 0.0553	mg/kg	UJ	CCV - 21.3% Diff
Chromium		15.8	mg/kg	J	Field Dup - 95.5 RPD
Copper		119	mg/kg	J	Field Dup - 128 RPD
Lead		68.8	mg/kg	J	Field Dup - 153 RPD; MS - 54.2% Rec
Mercury		1.3	mg/kg	J-	MS - 62.9% Rec
Nickel		66	mg/kg	J	Lab Dup - 57 RPD; Field Dup - 165 RPD;
Pentachlorophenol		< 0.0553	mg/kg	UJ	CCV - 26.6% Diff
Phenanthrene		0.0679	mg/kg	J	Result <RL & >MDL
Selenium		13.8	mg/kg	J	Field Dup - 7.28 mg/kg Diff
Zinc		168	mg/kg	J	Field Dup - 169 RPD; MS - 14.1% Rec
SB-DUP-2	**24I0746-08**	**9/10/2024**			
2,4-Dinitrotoluene		< 0.0447	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0892	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0892	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0892	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		71.4	mg/kg	J	Lab Dup - 48.2
Beryllium		1.36	mg/kg	J	Lab Dup - 48.5 RPD; Field Dup - 61 RPD
bis(2-Chloroisopropyl)ether		< 0.0447	mg/kg	UJ	CCV - 21.3% Diff
Chromium		5.59	mg/kg	J	Field Dup - 95.5 RPD
Copper		26.2	mg/kg	J	Field Dup - 128 RPD
Lead		9.28	mg/kg	J	Field Dup - 153 RPD
Nickel		6.41	mg/kg	J	Lab Dup - 57 RPD; Field Dup - 165 RPD
Pentachlorophenol		< 0.0447	mg/kg	UJ	CCV - 26.6% Diff
Selenium		6.52	mg/kg	J	Field Dup - 7.28 mg/kg Diff
Zinc		14.2	mg/kg	J	Field Dup - 169 RPD

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-19 (1-3)					
SB-19 (1-3)	**24I0746-06**	**9/11/2024**			
2,4-Dinitrophenol		< 0.0928	mg/kg	UJ	CCV - 41% Diff
2,4-Dinitrotoluene		< 0.0465	mg/kg	UJ	CCV - 30.2% Diff
2,6-Dinitrotoluene		< 0.0465	mg/kg	UJ	CCV - 29.5% Diff
4,6-Dinitro-2-methylphenol		< 0.0928	mg/kg	UJ	CCV - 26.2% Diff
Arsenic		18.3	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.039	mg/kg	UJ	Lab Dup - 48.5 RPD
Hexachlorobenzene		< 0.0465	mg/kg	UJ	CCV - 21.8% Diff
Hexachlorocyclopentadiene		< 0.0465	mg/kg	UJ	CCV - 68.9% Diff
Indeno(1,2,3-cd)pyrene		0.138	mg/kg	J	CCV - 28.4% Diff
Nickel		31	mg/kg	J	Lab Dup - 57 RPD
SB-2 (0.5-4)					
SB-2 (0.5-4)	**24H1788-02**	**8/26/2024**			
1,1,1,2-Tetrachloroethane		< 0.0021	mg/kg	UJ	CCV - 24.4% Diff
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.0021	mg/kg	UJ	CCV - 21.4% Diff
Acetone		0.0057	mg/kg	J+	LCS - 224% Rec; Result <RL & >MDL
Antimony		2.95	mg/kg	J	MS - 24.1% Rec
Chromium		23.4	mg/kg	J	SD - 74.7% Diff
Copper		1840	mg/kg	J	SD - 77.5% Diff
Fluoranthene		0.555	mg/kg	J	Field Dup - 0.29 mg/kg Diff
Lead		239	mg/kg	J	SD - 74.4% Diff
Methylene chloride		0.0083	mg/kg	J	Result <RL & >MDL
Nickel		235	mg/kg	J	SD - 74.5% Diff
Pyrene		0.405	mg/kg	J	Field Dup - 0.20 mg/kg Diff
Zinc		939	mg/kg	J	SD - 73.2% Diff
SB-DUP-1	**24H1788-03**	**8/26/2024**			
1,1,1,2-Tetrachloroethane		< 0.0024	mg/kg	UJ	CCV - 24.4% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-2 (0.5-4)					
SB-DUP-1	**24H1788-03**	**8/26/2024**			
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.0024	mg/kg	UJ	CCV - 21.4% Diff
Benzo(g,h,i)perylene		0.0838	mg/kg	J	Result <RL & >MDL
Benzo(k)fluoranthene		0.0605	mg/kg	J	Result <RL & >MDL
Fluoranthene		0.265	mg/kg	J	Field Dup - 0.29 mg/kg Diff
Indeno(1,2,3-cd)pyrene		0.0946	mg/kg	J	Result <RL & >MDL
Pyrene		0.202	mg/kg	J	Field Dup - 0.20 mg/kg Diff
SB-20 (1-2.5)					
SB-20 (1-2.5)	**24I0294-05**	**9/5/2024**			
4,6-Dinitro-2-methylphenol		< 0.0917	mg/kg	UJ	CCV - 35.3% Diff
Acenaphthene		< 0.046	mg/kg	UJ	CCV - 21.73% Diff
Acenaphthylene		0.0564	mg/kg	J	Detected Results <RL and >MDL
Anthracene		0.0748	mg/kg	J	Detected Results <RL and >MDL
bis(2-Chloroethoxy)methane		< 0.046	mg/kg	UJ	CCV - 23.5% Diff
bis(2-Chloroisopropyl)ether		< 0.046	mg/kg	UJ	CCV - 32.7% Diff
bis(2-Ethylhexyl)phthalate		< 0.046	mg/kg	UJ	CCV - 25.4% Diff
Dibenz(a,h)anthracene		0.0572	mg/kg	J	Detected Results <RL and >MDL
Hexachlorocyclopentadiene		< 0.046	mg/kg	UJ	CCV - 47.3% Diff
SB-21 (1-2.5)					
SB-21 (1-2.5)	**24I0294-06**	**9/5/2024**			
4,6-Dinitro-2-methylphenol		< 0.437	mg/kg	UJ	CCV - 35.3% Diff
Acenaphthene		< 0.219	mg/kg	UJ	CCV - 21.73% Diff
Benz(a)anthracene		0.227	mg/kg	J	Detected Results <RL and >MDL
Benzo(a)pyrene		0.391	mg/kg	J	Detected Results <RL and >MDL
Benzo(b)fluoranthene		0.325	mg/kg	J	Detected Results <RL and >MDL
Benzo(g,h,i)perylene		0.402	mg/kg	J	Detected Results <RL and >MDL
Benzo(k)fluoranthene		0.22	mg/kg	J	Detected Results <RL and >MDL

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-21 (1-2.5)					
SB-21 (1-2.5)	**24I0294-06**	**9/5/2024**			
bis(2-Chloroethoxy)methane		< 0.219	mg/kg	UJ	CCV - 23.5% Diff
bis(2-Chloroisopropyl)ether		< 0.219	mg/kg	UJ	CCV - 32.7% Diff
bis(2-Ethylhexyl)phthalate		< 0.219	mg/kg	UJ	CCV - 25.4% Diff
Chrysene		0.325	mg/kg	J	Detected Results <RL and >MDL
Fluoranthene		0.259	mg/kg	J	Detected Results <RL and >MDL
Hexachlorocyclopentadiene		< 0.219	mg/kg	UJ	CCV - 47.3% Diff
Indeno(1,2,3-cd)pyrene		0.308	mg/kg	J	Detected Results <RL and >MDL
SB-22 (16-18)					
SB-22 (16-18)	**24H2011-04**	**8/27/2024**			
1,1,1,2-Tetrachloroethane		< 0.0022	mg/kg	UJ	LCSD - 73.4% Rec
2,4-Dinitrophenol		< 0.0937	mg/kg	UJ	CCV - 38.9% Diff
2,4-Dinitrotoluene		< 0.047	mg/kg	UJ	CCV - 27.5% Diff
2,6-Dinitrotoluene		< 0.047	mg/kg	UJ	CCV - 26.0% Diff
4,6-Dinitro-2-methylphenol		< 0.0937	mg/kg	UJ	CCV - 31.7% Diff
Acetone		0.011	mg/kg	J+	LCS - 255% Rec
Benzidine		< 0.188	mg/kg	UJ	CCV - 33.8% Diff
Benzoic acid		< 0.047	mg/kg	UJ	CCV - 20.5% Diff
bis(2-Ethylhexyl)phthalate		< 0.047	mg/kg	UJ	CCV - 33.3% Diff
Butyl benzyl phthalate		< 0.047	mg/kg	UJ	CCV - 39.1% Diff
Di-N-Octyl phthalate		< 0.047	mg/kg	UJ	CCV - 39.4% Diff
Hexachlorobenzene		< 0.047	mg/kg	UJ	CCV - 23.1% Diff
Hexachlorocyclopentadiene		< 0.047	mg/kg	UJ	CCV - 34.0% Diff
Pentachlorophenol		< 0.047	mg/kg	UJ	CCV - 43.8% Diff
Pyrene		< 0.047	mg/kg	UJ	CCV - 24.6% Diff
Tetrachloroethene		< 0.0022	mg/kg	UJ	LCSD - 72.1% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-23 (18-21)					
SB-23 (18-21)	**24I0746-09**	**9/10/2024**			
2,4-Dinitrotoluene		< 0.0452	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0901	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0901	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0901	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		27.9	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.038	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.0452	mg/kg	UJ	CCV - 21.3% Diff
Bromomethane		< 0.0027	mg/kg	UJ	CCV - 24.4% Diff
Chloroethane		< 0.0027	mg/kg	UJ	CCV - 36.9% Diff
N-Butylbenzene		0.011	mg/kg	J+	Surr - 152% Rec
Nickel		15.1	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.0452	mg/kg	UJ	CCV - 26.6% Diff
Pyridine		< 0.18	mg/kg	UJ	CCV - 23.4% Diff
Sec-Butylbenzene		0.009	mg/kg	J+	Surr - 152% Rec
SB-24 (23-25)					
SB-24 (23-25)	**24H2011-06**	**8/28/2024**			
1,1,1,2-Tetrachloroethane		< 0.0026	mg/kg	UJ	LCSD - 73.4% Rec
1,2,4-Trimethylbenzene		0.015	mg/kg	J+	Surr - 424% Rec
2,4-Dinitrophenol		< 0.0888	mg/kg	UJ	CCV - 38.9% Diff
2,4-Dinitrotoluene		< 0.0445	mg/kg	UJ	CCV - 27.5% Diff
2,6-Dinitrotoluene		< 0.0445	mg/kg	UJ	CCV - 26.0% Diff
4,6-Dinitro-2-methylphenol		< 0.0888	mg/kg	UJ	CCV - 31.7% Diff
Acetone		0.01	mg/kg	J+	LCS - 255% Rec
Acetophenone		0.0533	mg/kg	J	Result <RL & >MDL
Benzidine		< 0.178	mg/kg	UJ	CCV - 33.8% Diff
Benzoic acid		< 0.0445	mg/kg	UJ	CCV - 20.5% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-24 (23-25)					
SB-24 (23-25)	**24H2011-06**	**8/28/2024**			
bis(2-Ethylhexyl)phthalate		< 0.0445	mg/kg	UJ	CCV - 33.3% Diff
Butyl benzyl phthalate		< 0.0445	mg/kg	UJ	CCV - 39.1% Diff
Di-N-Octyl phthalate		< 0.0445	mg/kg	UJ	CCV - 39.4% Diff
Ethylbenzene		0.0028	mg/kg	J+	Surr - 424% Rec; Result <RL & >MDL
Hexachlorobenzene		< 0.0445	mg/kg	UJ	CCV - 23.1% Diff
Hexachlorocyclopentadiene		< 0.0445	mg/kg	UJ	CCV - 34.0% Diff
Isopropylbenzene (Cumene)		0.17	mg/kg	J+	Surr - 424% Rec
m,p-Xylene		0.0061	mg/kg	J+	Surr - 424% Rec; Result <RL & >MDL
N-Butylbenzene		0.13	mg/kg	J+	Surr - 424% Rec
N-Propylbenzene		0.31	mg/kg	J+	Surr - 424% Rec
Pentachlorophenol		< 0.0445	mg/kg	UJ	CCV - 43.8% Diff
Pyrene		0.0739	mg/kg	J	CCV - 24.6% Diff; Result <RL & >MDL
Sec-Butylbenzene		0.15	mg/kg	J+	Surr - 424% Rec
T-Butylbenzene		0.016	mg/kg	J+	Surr - 424% Rec
Tetrachloroethene		< 0.0026	mg/kg	UJ	LCSD - 72.1% Rec
Trichloroethene		0.0055	mg/kg	J	Lab Dup - 58.6 RPD
SB-25 (1-3)					
SB-25 (1-3)	**24I0046-02**	**8/30/2024**			
1,2,3-Trichlorobenzene		< 0.0028	mg/kg	UJ	IS - 44% Area
1,2,4-Trichlorobenzene		< 0.0028	mg/kg	UJ	IS - 44% Area
1,2-Dichlorobenzene		< 0.0028	mg/kg	UJ	IS - 44% Area
1,2-Diphenylhydrazine		< 0.0497	mg/kg	UJ	CCV - 31.8% Diff
1,3-Dichlorobenzene		< 0.0028	mg/kg	UJ	LCS - 82.3% Rec; Surr - 44% Area
1,4-Dichlorobenzene		< 0.0028	mg/kg	UJ	LCS - 81.9% Rec; Surr - 44% Area
2-Methylnaphthalene		0.061	mg/kg	J	Result <RL & >MDL
4,6-Dinitro-2-methylphenol		< 0.0991	mg/kg	UJ	CCV - 56.6% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-25 (1-3)					
SB-25 (1-3)	**24I0046-02**	**8/30/2024**			
Acetone		0.0085	mg/kg	J+	LCS - 218% Rec;Result <RL & >MDL
Antimony		< 2.08	mg/kg	UJ	MS - 36.6% Rec
Beryllium		0.34	mg/kg	J+	MB - Result (0.05 mg/lg) > RL
bis(2-Chloroisopropyl)ether		< 0.0497	mg/kg	UJ	CCV - 42.2% Diff
bis(2-Ethylhexyl)phthalate		< 0.0497	mg/kg	UJ	CCV - 31.6% Diff
Butyl benzyl phthalate		< 0.0497	mg/kg	UJ	CCV - 28.5% Diff
Chlorobenzene		< 0.0028	mg/kg	UJ	IS - 44% Area
Copper		26	mg/kg	J	MS - 131% Rec
Dibenz(a,h)anthracene		0.824	mg/kg	UJ	CCV - 26.1% Diff
Di-N-Octyl phthalate		< 0.0497	mg/kg	UJ	CCV - 28.0% Diff
Hexachlorobutadiene		< 0.0028	mg/kg	UJ	LCS - 78.3% Rec
Hexachlorocyclopentadiene		< 0.0497	mg/kg	UJ	CCV - 30.2% Diff
Isophorone		< 0.0497	mg/kg	UJ	CCV - 20.1% Diff
Lead		38.2	mg/kg	J	MS - 184% Rec
Methylene chloride		0.0081	mg/kg	J	Result <RL & >MDL
Naphthalene		0.0689	mg/kg	J	Result <RL & >MDL
N-Nitrosodimethylamine		< 0.0497	mg/kg	UJ	CCV - 31.0% Diff
P-Cymene (P-Isopropyltoluene)		< 0.0028	mg/kg	UJ	LCS - 84.4% Rec
Pentachlorophenol		< 0.0497	mg/kg	UJ	CCV - 33.7% Diff
Pyridine		< 0.198	mg/kg	UJ	CCV - 24.2% Diff
Sec-Butylbenzene		< 0.0028	mg/kg	UJ	LCS - 82.2% Rec
Tetrachloroethene		< 0.0028	mg/kg	UJ	LCS - 78.4% Rec
Zinc		29.5	mg/kg	J	MS - 147% Rec; SD - 26.7% Diff
SB-26 (5-6)					
SB-26 (5-6)	**24I0221-03**	**9/3/2024**			
1,1,1,2-Tetrachloroethane		< 0.0024	mg/kg	UJ	CCV - 28.0% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-26 (5-6)					
SB-26 (5-6)	**24I0221-03**	**9/3/2024**			
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.0024	mg/kg	UJ	CCV - 34.8% Diff
1,1-Dichloroethene		< 0.0024	mg/kg	UJ	CCV - 39.4% Diff
1,2-Diphenylhydrazine		< 0.0451	mg/kg	UJ	CCV - 28.4%Diff
4,6-Dinitro-2-methylphenol		< 0.09	mg/kg	UJ	CCV - 28.4%Diff
Acetone		0.015	mg/kg	J+	LCS - 266% Rec
Acrolein		< 0.0048	mg/kg	UJ	CCV - 25.3% Diff
Aniline		< 0.18	mg/kg	UJ	CCV - 27.1%Diff
Benzoic acid		< 0.0451	mg/kg	UJ	CCV - 35.8%Diff
bis(2-Chloroethoxy)methane		< 0.0451	mg/kg	UJ	CCV - 21.9%Diff
bis(2-Chloroethyl)ether		< 0.0451	mg/kg	UJ	CCV - 26.9%Diff
bis(2-Chloroisopropyl)ether		< 0.0451	mg/kg	UJ	CCV - 34.7%Diff
Bromoform		< 0.0024	mg/kg	UJ	CCV - 29.7% Diff; LCS - 76% Rec
Bromomethane		< 0.0024	mg/kg	UJ	CCV - 97.6% Diff
Butyl benzyl phthalate		< 0.0451	mg/kg	UJ	CCV - 30.7%Diff
Chloroethane		< 0.0024	mg/kg	UJ	CCV - 90.0% Diff
Dibenz(a,h)anthracene		< 0.0451	mg/kg	UJ	CCV - 31.8%Diff
Dibromochloromethane		< 0.0024	mg/kg	UJ	CCV - 21.0% Diff
Dichlorodifluoromethane		< 0.0024	mg/kg	UJ	CCV - 35.4% Diff
Di-N-Octyl phthalate		< 0.0451	mg/kg	UJ	CCV - 32.4%Diff
Hexachlorobenzene		< 0.0451	mg/kg	UJ	CCV - 0.1 RRF
Hexachlorobutadiene		< 0.0024	mg/kg	UJ	LCS - 78.3% Rec
Hexachlorocyclopentadiene		< 0.0451	mg/kg	UJ	CCV - 26.1%Diff
N-Nitrosodimethylamine		< 0.0451	mg/kg	UJ	CCV - 31.1%Diff
Phenol		< 0.0451	mg/kg	UJ	CCV - 22.8%Diff
Pyridine		< 0.18	mg/kg	UJ	CCV - 22.8%Diff
Tert-Butyl Alcohol		< 0.0024	mg/kg	UJ	CCV - 26.9% Diff
Tetrachloroethene		< 0.0024	mg/kg	UJ	CCV - 25.8% Diff; LCS - 73.0% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-26 (5-6)					
SB-26 (5-6)	**24I0221-03**	**9/3/2024**			
Trichlorofluoromethane		< 0.0024	mg/kg	UJ	CCV - 90.5% Diff
Vinylchloride		< 0.0024	mg/kg	UJ	CCV - 56.5% Diff
SB-29 (1-4)					
SB-29 (1-4)	**24I0221-07**	**9/4/2024**			
1,1,1,2-Tetrachloroethane		< 0.0027	mg/kg	UJ	CCV - 28.0% Diff
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.0027	mg/kg	UJ	CCV - 34.8% Diff
1,1-Dichloroethene		< 0.0027	mg/kg	UJ	CCV - 39.4% Diff
1,2-Diphenylhydrazine		< 0.0443	mg/kg	UJ	CCV - 28.4%Diff
4,6-Dinitro-2-methylphenol		< 0.0883	mg/kg	UJ	CCV - 28.4%Diff
Acenaphthene		0.0685	mg/kg	J	Result <RL & >MDL
Acenaphthylene		0.0452	mg/kg	J	Result <RL & >MDL
Acrolein		< 0.0054	mg/kg	UJ	CCV - 25.3% Diff
Aniline		< 0.177	mg/kg	UJ	CCV - 27.1%Diff
Benzoic acid		< 0.0443	mg/kg	UJ	CCV - 35.8%Diff
bis(2-Chloroethoxy)methane		< 0.0443	mg/kg	UJ	CCV - 21.9%Diff
bis(2-Chloroethyl)ether		< 0.0443	mg/kg	UJ	CCV - 26.9%Diff
bis(2-Chloroisopropyl)ether		< 0.0443	mg/kg	UJ	CCV - 34.7%Diff
Bromoform		< 0.0027	mg/kg	UJ	CCV - 29.7% Diff; LCS - 76% Rec
Bromomethane		< 0.0027	mg/kg	UJ	CCV - 97.6% Diff
Butyl benzyl phthalate		< 0.0443	mg/kg	UJ	CCV - 30.7%Diff
Chloroethane		< 0.0027	mg/kg	UJ	CCV - 90.0% Diff
Dibenz(a,h)anthracene		0.148	mg/kg	UJ	CCV - 31.8%Diff
Dibromochloromethane		< 0.0027	mg/kg	UJ	CCV - 21.0% Diff
Dichlorodifluoromethane		< 0.0027	mg/kg	UJ	CCV - 35.4% Diff
Di-N-Octyl phthalate		< 0.0443	mg/kg	UJ	CCV - 32.4%Diff
Fluorene		0.0812	mg/kg	J	Result <RL & >MDL

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / Field Sample ID / Parameter	*Lab Sample ID*	*Sample Date / Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-29 (1-4)					
SB-29 (1-4)	**24I0221-07**	**9/4/2024**			
Hexachlorobenzene		< 0.0443	mg/kg	UJ	CCV - 0.1 RRF
Hexachlorobutadiene		< 0.0027	mg/kg	UJ	LCS - 78.3% Rec
Hexachlorocyclopentadiene		< 0.0443	mg/kg	UJ	CCV - 26.1%Diff
N-Nitrosodimethylamine		< 0.0443	mg/kg	UJ	CCV - 31.1%Diff
Phenol		< 0.0443	mg/kg	UJ	CCV - 22.8%Diff
Pyridine		< 0.177	mg/kg	UJ	CCV - 22.8%Diff
Tert-Butyl Alcohol		< 0.0027	mg/kg	UJ	CCV - 26.9% Diff
Tetrachloroethene		< 0.0027	mg/kg	UJ	CCV - 25.8% Diff; LCS - 73.0% Rec
Trichlorofluoromethane		< 0.0027	mg/kg	UJ	CCV - 90.5% Diff
Vinylchloride		< 0.0027	mg/kg	UJ	CCV - 56.5% Diff
SB-3 (14-16)					
SB-3 (14-16)	**24H1788-04**	**8/26/2024**			
1,1,1,2-Tetrachloroethane		< 0.002	mg/kg	UJ	CCV - 24.4% Diff
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.002	mg/kg	UJ	CCV - 21.4% Diff
Acetone		0.014	mg/kg	J+	LCS - 224% Rec
Methyl Ethyl Ketone (2-Butanone)		0.0026	mg/kg	J	Result <RL & >MDL
Methylene chloride		0.0072	mg/kg	J	Result <RL & >MDL
N-Butylbenzene		0.0027	mg/kg	J	Result <RL & >MDL
SB-30 (4-6)					
SB-30 (4-6)	**24I0221-01**	**9/3/2024**			
1,2-Diphenylhydrazine		< 0.0492	mg/kg	UJ	CCV - 28.4%Diff
1,4-Dichlorobenzene		< 0.0029	mg/kg	UJ	LCS - 83.1% Rec
4,6-Dinitro-2-methylphenol		< 0.0981	mg/kg	UJ	CCV - 28.4%Diff
Acenaphthylene		0.058	mg/kg	J	Result <RL & >MDL
Acetone		0.0082	mg/kg	J+	LCS - 228% Rec; Result <RL & >MDL
Aniline		< 0.196	mg/kg	UJ	CCV - 27.1%Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-30 (4-6)					
SB-30 (4-6)	**24I0221-01**	**9/3/2024**			
Benzoic acid		< 0.0492	mg/kg	UJ	CCV - 35.8%Diff
bis(2-Chloroethoxy)methane		< 0.0492	mg/kg	UJ	CCV - 21.9%Diff
bis(2-Chloroethyl)ether		< 0.0492	mg/kg	UJ	CCV - 26.9%Diff
bis(2-Chloroisopropyl)ether		< 0.0492	mg/kg	UJ	CCV - 34.7%Diff
Butyl benzyl phthalate		< 0.0492	mg/kg	UJ	CCV - 30.7%Diff
Dibenz(a,h)anthracene		0.15	mg/kg	UJ	CCV - 31.8%Diff
Dichlorodifluoromethane		< 0.0029	mg/kg	UJ	CCV - 30.5% Diff
Di-N-Octyl phthalate		< 0.0492	mg/kg	UJ	CCV - 32.4%Diff
Hexachlorobenzene		< 0.0492	mg/kg	UJ	CCV - 0.1 RRF
Hexachlorobutadiene		< 0.0029	mg/kg	UJ	LCS - 80.5% Rec
Hexachlorocyclopentadiene		< 0.0492	mg/kg	UJ	CCV - 26.1%Diff
N-Nitrosodimethylamine		< 0.0492	mg/kg	UJ	CCV - 31.1%Diff
Phenol		< 0.0492	mg/kg	UJ	CCV - 22.8%Diff
Pyridine		< 0.196	mg/kg	UJ	CCV - 22.8%Diff
Trichloroethene		0.0034	mg/kg	J	Result <RL & >MDL
SB-32 (10-12)					
SB-32 (10-12)	**24I0746-13**	**9/11/2024**			
2,4-Dinitrotoluene		< 0.046	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0918	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0918	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0918	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		10.7	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.039	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.046	mg/kg	UJ	CCV - 21.3% Diff
Fluoranthene		0.0741	mg/kg	J	Result <RL & >MDL
Nickel		18.7	mg/kg	J	Lab Dup - 57 RPD

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-32 (10-12)					
SB-32 (10-12)	**24I0746-13**	**9/11/2024**			
Pentachlorophenol		< 0.046	mg/kg	UJ	CCV - 26.6% Diff
Pyrene		0.055	mg/kg	J	Result <RL & >MDL
SB-33 (8-10)					
SB-33 (8-10)	**24I0746-15**	**9/11/2024**			
2,4-Dinitrotoluene		< 0.0484	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0966	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0966	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0966	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		8.48	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.041	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.0484	mg/kg	UJ	CCV - 21.3% Diff
Nickel		986	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.0484	mg/kg	UJ	CCV - 26.6% Diff
SB-34 (25-27)					
SB-34 (25-27)	**24I0746-14**	**9/11/2024**			
2,4-Dinitrotoluene		< 0.089	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.178	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.178	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.178	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		17.7	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.039	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.089	mg/kg	UJ	CCV - 21.3% Diff
Nickel		16.6	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.089	mg/kg	UJ	CCV - 26.6% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-35 (1-4)					
SB-35 (1-4)	**24I0791-01**	**9/12/2024**			
4,6-Dinitro-2-methylphenol		< 0.0874	mg/kg	UJ	CCV - 20.7% Diff
Acetone		0.014	mg/kg	J+	LCSD - 205% Rec
Anthracene		0.0783	mg/kg	J	Result <RL & >MDL
Antimony		< 1.84	mg/kg	UJ	MS - 7.31% Rec
Arsenic		3.86	mg/kg	J	Lab Dup -6.0 mg/kg Diff;Field Dup - 6.7 mg/kg Diff
Benz(a)anthracene		0.181	mg/kg	J	Field Dup - 0.14 mg/kg Diff
Benzo(a)pyrene		0.152	mg/kg	J	Field Dup - 0.11 mg/kg Diff
Benzo(b)fluoranthene		0.136	mg/kg	J	Field Dup - 0.09 mg/kg Diff
Benzo(k)fluoranthene		0.14	mg/kg	J	Field Dup - 0.1 mg/kg Diff
Beryllium		0.124	mg/kg	J	Field Dup - 0.24 mg/kg Diff
Chromium		6.22	mg/kg	J	Field Dup - 84.9 RPD
Chrysene		0.189	mg/kg	J	Field Dup - 0.14 mg/kg Diff
Copper		23.3	mg/kg	J+	MS - 226% Rec; Field Dup - 72.5 RPD
Cyclohexane		< 0.0026	mg/kg	UJ	MS - 61.2% Rec
Fluoranthene		0.426	mg/kg	J	Field Dup - 0.38 mg/kg Diff
Lead		5.86	mg/kg	J	Lab Dup - 72.5 RPD; Field Dup - 168 RPD
Methylene chloride		0.012	mg/kg	J	Cal - 66.5 RF RSD
Nickel		10.7	mg/kg	J	Field Dup - 101 RPD
Phenanthrene		0.373	mg/kg	J	Field Dup - 0.33 mg/kg Diff
Pyrene		0.418	mg/kg	J	Field Dup - 0.37 mg/kg Diff
Tetrachloroethene		< 0.0026	mg/kg	UJ	CCV - 22.8% Diff
Zinc		29.7	mg/kg	J	Field Dup - 110 RPD; SD - 32.3% Diff
SB-DUP-4	**24I0791-02**	**9/12/2024**			
4,6-Dinitro-2-methylphenol		< 0.0889	mg/kg	UJ	CCV - 20.7% Diff
Acetone		0.0084	mg/kg	J+	LCSD - 205% Rec;Result <RL & >MDL
Arsenic		10.6	mg/kg	J	Field Dup - 6.74 mg/kg Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-35 (1-4)					
SB-DUP-4	**24I0791-02**	**9/12/2024**			
Benz(a)anthracene		< 0.0446	mg/kg	UJ	Field Dup - 0.14 mg/kg Diff
Benzo(a)pyrene		< 0.0446	mg/kg	UJ	Field Dup - 0.11 mg/kg Diff
Benzo(b)fluoranthene		< 0.0446	mg/kg	UJ	Field Dup - 0.09 mg/kg Diff
Benzo(k)fluoranthene		< 0.0446	mg/kg	UJ	Field Dup - 0.1 mg/kg Diff
Beryllium		0.36	mg/kg	J	Field Dup - 0.24 mg/kg Diff
Chromium		15.4	mg/kg	J	Field Dup - 84.9 RPD
Chrysene		< 0.0446	mg/kg	UJ	Field Dup - 0.14 mg/kg Diff
Copper		49.8	mg/kg	J	Field Dup - 72.5 RPD
Fluoranthene		< 0.0446	mg/kg	UJ	Field Dup - 0.38 mg/kg Diff
Lead		67.5	mg/kg	J	Field Dup - 168 RPD
Methylene chloride		0.01	mg/kg	J	Cal - 66.5 RF RSD; Result <RL & >MDL
Nickel		32.7	mg/kg	J	Field Dup - 101 RPD
Phenanthrene		< 0.0446	mg/kg	UJ	Field Dup - 0.33 mg/kg Diff
Pyrene		< 0.0446	mg/kg	UJ	Field Dup - 0.37 mg/kg Diff
Tetrachloroethene		< 0.0026	mg/kg	UJ	CCV - 22.8% Diff
Zinc		102	mg/kg	J	Field Dup - 110 RPD
SB-36 (3-5)					
SB-36 (3-5)	**24I0791-08**	**9/12/2024**			
2,4-Dinitrophenol		< 0.0911	mg/kg	UJ	CCV-81.3% Diff
4,6-Dinitro-2-methylphenol		< 0.0911	mg/kg	UJ	CCV-29.3% Diff
4-Bromophenyl-phenylether		< 0.0457	mg/kg	UJ	CCV-22.5% Diff
4-Nitrophenol		< 0.0911	mg/kg	UJ	CCV-25.0% Diff
Acetone		< 0.0054	mg/kg	J+	LCSD - 205% Rec
Benz(a)anthracene		0.083	mg/kg	J	Result <RL & >MDL
Benzo(a)pyrene		0.0706	mg/kg	J	Result <RL & >MDL
Benzo(b)fluoranthene		0.0553	mg/kg	J	Result <RL & >MDL

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-36 (3-5)					
SB-36 (3-5)	**24I0791-08**	**9/12/2024**			
Benzo(k)fluoranthene		0.0583	mg/kg	J	Result <RL & >MDL
Benzoic acid		< 0.0457	mg/kg	UJ	CCV-42.1% Diff
Chrysene		0.0772	mg/kg	J	Result <RL & >MDL
Di-N-Octyl phthalate		< 0.0457	mg/kg	UJ	CCV-25.5% Diff
Hexachlorocyclopentadiene		< 0.0457	mg/kg	UJ	CCV-21.7% Diff
Methylene chloride		0.014	mg/kg	J	Cal - 66.5 RF RSD
Tetrachloroethene		< 0.0027	mg/kg	UJ	CCV - 22.8% Diff
SB-37 (2.5-3.5)					
SB-37 (2.5-3.5)	**24I1005-02**	**9/16/2024**			
2,4-Dinitrophenol		< 0.104	mg/kg	UJ	CCV - 21.9% Diff
4,6-Dinitro-2-methylphenol		< 0.104	mg/kg	UJ	CCV - 52.5% Diff
Acenaphthene		< 0.0523	mg/kg	UJ	CCV - 20.1% Diff
Acenaphthylene		< 0.0523	mg/kg	UJ	CCV - 23.7% Diff
Acetone		0.038	mg/kg	J+	LCS - 180% Rec
Benzoic acid		< 0.0523	mg/kg	UJ	CCV - 53.1% Diff
bis(2-Chloroethoxy)methane		< 0.0523	mg/kg	UJ	CCV - 21.2% Diff
bis(2-Chloroisopropyl)ether		< 0.0523	mg/kg	UJ	CCV - 31.9% Diff
bis(2-Ethylhexyl)phthalate		< 0.0523	mg/kg	UJ	CCV - 26.8% Diff
Chloromethane		< 0.0031	mg/kg	UJ	CCV - 22.8% Diff
Dichlorodifluoromethane		< 0.0031	mg/kg	UJ	CCV - 46.3% Diff
Hexachlorocyclopentadiene		< 0.0523	mg/kg	UJ	CCV - 49.4% Diff
Mercury		0.0655	mg/kg	J	Lab Dup - 151 RPD
N-Nitrosodimethylamine		< 0.0523	mg/kg	UJ	CCV - 27.4% Diff
Pyridine		< 0.209	mg/kg	UJ	CCV - 25.1% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-38 (3-5)					
SB-38 (3-5)	**24I1005-03**	**9/16/2024**			
2,4-Dinitrophenol		< 0.1	mg/kg	UJ	CCV - 21.9% Diff
4,6-Dinitro-2-methylphenol		< 0.1	mg/kg	UJ	CCV - 52.5% Diff
Acenaphthene		< 0.0503	mg/kg	UJ	CCV - 20.1% Diff
Acenaphthylene		< 0.0503	mg/kg	UJ	CCV - 23.7% Diff
Acetone		0.022	mg/kg	J+	
Anthracene		0.0778	mg/kg	J	Result <RL & >MDL
Benzoic acid		< 0.0503	mg/kg	UJ	CCV - 53.1% Diff
bis(2-Chloroethoxy)methane		< 0.0503	mg/kg	UJ	CCV - 21.2% Diff
bis(2-Chloroisopropyl)ether		< 0.0503	mg/kg	UJ	CCV - 31.9% Diff
bis(2-Ethylhexyl)phthalate		< 0.0503	mg/kg	UJ	CCV - 26.8% Diff
Chloromethane		< 0.0034	mg/kg	UJ	CCV - 22.8% Diff
Dichlorodifluoromethane		< 0.0034	mg/kg	UJ	CCV - 46.3% Diff
Hexachlorocyclopentadiene		< 0.0503	mg/kg	UJ	CCV - 49.4% Diff
Mercury		0.25	mg/kg	J	Lab Dup - 151 RPD
N-Nitrosodimethylamine		< 0.0503	mg/kg	UJ	CCV - 27.4% Diff
Pyridine		< 0.201	mg/kg	UJ	CCV - 25.1% Diff
SB-39 (1.5-3.5)					
SB-39 (1.5-3.5)	**24I1005-01**	**9/16/2024**			
1,1,1,2-Tetrachloroethane		< 0.0037	mg/kg	UJ	IS - 32% Area
1,1,2,2-Tetrachloroethane		< 0.0037	mg/kg	UJ	IS - 32% Area
1,1,2-Trichloroethane		< 0.0037	mg/kg	UJ	IS - 32% Area
1,2,3-Trichlorobenzene		0.004	mg/kg	J+	IS - 12% Area; Result <RL & >MDL
1,2,4-Trichlorobenzene		0.0038	mg/kg	J+	IS - 12% Area; Result <RL & >MDL
1,2-Dibromo-3-chloropropane		< 0.0037	mg/kg	UJ	CCV - 26.8% Diff; IS - 12% Area
1,2-Dibromoethane (Ethylene Dibromide)		< 0.0037	mg/kg	UJ	IS - 32% Area
1,2-Dichlorobenzene		< 0.0037	mg/kg	R	IS - 12% Area

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-39 (1.5-3.5)					
SB-39 (1.5-3.5)	**24I1005-01**	**9/16/2024**			
1,3-Dichlorobenzene		< 0.0037	mg/kg	R	IS - 12% Area
1,4-Dichlorobenzene		< 0.0037	mg/kg	R	IS - 12% Area
2,4-Dinitrophenol		< 0.115	mg/kg	UJ	CCV - 21.9% Diff
2-Hexanone		< 0.0037	mg/kg	UJ	IS - 32% Area
4,6-Dinitro-2-methylphenol		< 0.115	mg/kg	UJ	CCV - 52.5% Diff
4-Methyl-2-pentanone		< 0.0037	mg/kg	UJ	CCV - 25.3% Diff
Acenaphthene		< 0.0576	mg/kg	UJ	CCV - 20.1% Diff
Acenaphthylene		< 0.0576	mg/kg	UJ	CCV - 23.7% Diff
Anthracene		0.0818	mg/kg	J	Result <RL & >MDL
Benzo(g,h,i)perylene		0.105	mg/kg	J	Result <RL & >MDL
Benzoic acid		< 0.0576	mg/kg	UJ	CCV - 53.1% Diff
bis(2-Chloroethoxy)methane		< 0.0576	mg/kg	UJ	CCV - 21.2% Diff
bis(2-Chloroisopropyl)ether		< 0.0576	mg/kg	UJ	CCV - 31.9% Diff
bis(2-Ethylhexyl)phthalate		< 0.0576	mg/kg	UJ	CCV - 26.8% Diff
Bromoform		< 0.0037	mg/kg	UJ	IS - 32% Area
Chlorobenzene		< 0.0037	mg/kg	UJ	IS - 32% Area
Chloromethane		< 0.0037	mg/kg	UJ	CCV - 32.9% Diff
Dibromochloromethane		< 0.0037	mg/kg	UJ	IS - 32% Area
Dichlorodifluoromethane		< 0.0037	mg/kg	UJ	CCV - 66.3% Diff
Ethylbenzene		< 0.0037	mg/kg	UJ	IS - 32% Area
Hexachlorobutadiene		< 0.0037	mg/kg	R	IS - 12% Area
Hexachlorocyclopentadiene		< 0.0576	mg/kg	UJ	CCV - 49.4% Diff
Indeno(1,2,3-cd)pyrene		0.108	mg/kg	J	Result <RL & >MDL
m,p-Xylene		< 0.0074	mg/kg	UJ	IS - 32% Area
Mercury		0.27	mg/kg	J	Lab Dup - 151 RPD; MS - 221% Rec
Methylene chloride		0.037	mg/kg	J	CCV - 38.4% Diff
N-Nitrosodimethylamine		< 0.0576	mg/kg	UJ	CCV - 27.4% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-39 (1.5-3.5)					
SB-39 (1.5-3.5)	**24I1005-01**	**9/16/2024**			
o-Xylene		< 0.0037	mg/kg	UJ	IS - 32% Area
Pyridine		< 0.23	mg/kg	UJ	CCV - 25.1% Diff
Styrene		< 0.0037	mg/kg	UJ	IS - 32% Area
Tetrachloroethene		< 0.0037	mg/kg	UJ	CCV - 31.6% Diff; IS - 32% Area
Toluene		< 0.0037	mg/kg	UJ	IS - 32% Area
trans-1,3-Dichloropropene		< 0.0037	mg/kg	UJ	IS - 32% Area
Vinylchloride		< 0.0037	mg/kg	UJ	CCV - 25.1% Diff
SB-4 (0.5-2.5)					
SB-4 (0.5-2.5)	**24H2011-03**	**8/27/2024**			
1,1,1,2-Tetrachloroethane		< 0.0025	mg/kg	UJ	LCSD - 73.4% Rec
2,4-Dinitrophenol		< 0.106	mg/kg	UJ	CCV - 38.9% Diff
2,4-Dinitrotoluene		< 0.0533	mg/kg	UJ	CCV - 27.5% Diff
2,6-Dinitrotoluene		< 0.0533	mg/kg	UJ	CCV - 26.0% Diff
4,6-Dinitro-2-methylphenol		< 0.106	mg/kg	UJ	CCV - 31.7% Diff
Acetone		0.016	mg/kg	J+	LCS - 255% Rec
Benzidine		< 0.213	mg/kg	UJ	CCV - 33.8% Diff
Benzoic acid		< 0.0533	mg/kg	UJ	CCV - 20.5% Diff
bis(2-Ethylhexyl)phthalate		< 0.0533	mg/kg	UJ	CCV - 33.3% Diff
Butyl benzyl phthalate		< 0.0533	mg/kg	UJ	CCV - 39.1% Diff
Dibenz(a,h)anthracene		0.057	mg/kg	J	Result <RL & >MDL
Di-N-Octyl phthalate		< 0.0533	mg/kg	UJ	CCV - 39.4% Diff
Hexachlorobenzene		< 0.0533	mg/kg	UJ	CCV - 23.1% Diff
Hexachlorocyclopentadiene		< 0.0533	mg/kg	UJ	CCV - 34.0% Diff
Pentachlorophenol		< 0.0533	mg/kg	UJ	CCV - 43.8% Diff
Pyrene		0.336	mg/kg	J	CCV - 24.6% Diff
Tetrachloroethene		< 0.0025	mg/kg	UJ	LCSD - 72.1% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / Field Sample ID / Parameter	*Lab Sample ID*	*Sample Date / Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-4 (0.5-2.5)					
SB-4 (0.5-2.5)	**24H2011-03**	**8/27/2024**			
Trichloroethene		0.0034	mg/kg	J	Lab Dup - 58.6 RPD; Result <RL & >MDL
SB-40 (22-24)					
SB-40 (22-24)	**24I0889-02**	**9/13/2024**			
1,2-Diphenylhydrazine		< 0.0462	mg/kg	UJ	CCV - 24.8% Diff
1,4-Dioxane		< 0.048	mg/kg	UJ	LCSD - 68.5 RPD
2,4-Dinitrophenol		< 0.0923	mg/kg	UJ	CCV - 78.7% Diff
4,6-Dinitro-2-methylphenol		< 0.0923	mg/kg	UJ	CCV - 24.3% Diff
4-Bromophenyl-phenylether		< 0.0462	mg/kg	UJ	CCV - 27.0% Diff
Acetone		0.018	mg/kg	J+	LCSD - 200% Rec
Atrazine		< 0.0462	mg/kg	UJ	CCV - 21.5% Diff
Dichlorodifluoromethane		< 0.0024	mg/kg	UJ	CCV - 33.3% Diff
Diphenylamine		< 0.0923	mg/kg	UJ	CCV - 26.3% Diff
Hexachlorobutadiene		< 0.0024	mg/kg	UJ	LCS - 80.3% Rec
Methyl Ethyl Ketone (2-Butanone)		0.0033	mg/kg	J	Result <RL & >MDL
N-Nitrosodimethylamine		< 0.0462	mg/kg	UJ	CCV - 25.9% Diff
T-Butylbenzene		0.0028	mg/kg	J	Result <RL & >MDL
Tetrachloroethene		< 0.0024	mg/kg	UJ	LCSD - 77.9% Rec
SB-41 (5-9)					
SB-41 (5-9)	**24I0889-03**	**9/13/2024**			
1,2-Diphenylhydrazine		< 0.0484	mg/kg	UJ	CCV - 24.8% Diff
1,4-Dioxane		< 0.068	mg/kg	UJ	LCSD - 68.5 RPD
2,4-Dinitrophenol		< 0.0966	mg/kg	UJ	CCV - 78.7% Diff
2-Methylnaphthalene		0.088	mg/kg	J	Result <RL & >MDL
4,6-Dinitro-2-methylphenol		< 0.0966	mg/kg	UJ	CCV - 24.3% Diff
4-Bromophenyl-phenylether		< 0.0484	mg/kg	UJ	CCV - 27.0% Diff
Atrazine		< 0.0484	mg/kg	UJ	CCV - 21.5% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-41 (5-9)					
SB-41 (5-9)	**24I0889-03**	**9/13/2024**			
Dibenz(a,h)anthracene		0.0772	mg/kg	J	Result <RL & >MDL
Dichlorodifluoromethane		< 0.0034	mg/kg	UJ	CCV - 33.3% Diff
Diphenylamine		< 0.0966	mg/kg	UJ	CCV - 26.3% Diff
Hexachlorobutadiene		< 0.0034	mg/kg	UJ	LCS - 80.3% Rec
N-Nitrosodimethylamine		< 0.0484	mg/kg	UJ	CCV - 25.9% Diff
Tetrachloroethene		< 0.0034	mg/kg	UJ	LCSD - 77.9% Rec
SB-42 (20-23)					
SB-42 (20-23)	**24I0046-01**	**8/30/2024**			
1,2,4-Trimethylbenzene		0.0046	mg/kg	J+	Surr - 170% Rec; Result <RL & >MDL
1,2-Diphenylhydrazine		< 0.0467	mg/kg	UJ	CCV - 31.8% Diff
4,6-Dinitro-2-methylphenol		< 0.0932	mg/kg	UJ	CCV - 56.6% Diff
Acetone		0.021	mg/kg	J+	LCS - 308% Rec
Beryllium		0.254	mg/kg	J+	MB - Result (0.05 mg/lg) > RL
bis(2-Chloroisopropyl)ether		< 0.0467	mg/kg	UJ	CCV - 42.2% Diff
bis(2-Ethylhexyl)phthalate		< 0.0467	mg/kg	UJ	CCV - 31.6% Diff
Bromomethane		< 0.0026	mg/kg	UJ	CCV - 38.0% Diff
Butyl benzyl phthalate		< 0.0467	mg/kg	UJ	CCV - 28.5% Diff
Chloroethane		< 0.0026	mg/kg	UJ	CCV - 38.2% Diff
Dibenz(a,h)anthracene		< 0.0467	mg/kg	UJ	CCV - 26.1% Diff
Di-N-Octyl phthalate		< 0.0467	mg/kg	UJ	CCV - 28.0% Diff
Hexachlorocyclopentadiene		< 0.0467	mg/kg	UJ	CCV - 30.2% Diff
Isophorone		< 0.0467	mg/kg	UJ	CCV - 20.1% Diff
N-Butylbenzene		0.0061	mg/kg	J+	Surr - 170% Rec
N-Nitrosodimethylamine		< 0.0467	mg/kg	UJ	CCV - 31.0% Diff
N-Propylbenzene		0.01	mg/kg	J+	Surr - 170% Rec
Pentachlorophenol		< 0.0467	mg/kg	UJ	CCV - 33.7% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-42 (20-23)					
SB-42 (20-23)	**24I0046-01**	**8/30/2024**			
Pyridine		< 0.187	mg/kg	UJ	CCV - 24.2% Diff
Sec-Butylbenzene		0.0039	mg/kg	J+	Surr - 170% Rec; Result <RL & >MDL
Tetrachloroethene		< 0.0026	mg/kg	UJ	LCS - 77% Rec
Trichlorofluoromethane		< 0.0026	mg/kg	UJ	CCV - 32.8% Diff
Vinylchloride		< 0.0026	mg/kg	UJ	CCV - 23.4% Diff
SB-43 (13-15)					
SB-43 (13-15)	**24I0889-04**	**9/13/2024**			
1,2-Dibromo-3-chloropropane		< 0.0025	mg/kg	UJ	CCV - 21.6% Diff
1,2-Diphenylhydrazine		< 0.0481	mg/kg	UJ	CCV - 24.8% Diff
2,4-Dinitrophenol		< 0.096	mg/kg	UJ	CCV - 78.7% Diff
2-Methylnaphthalene		0.0483	mg/kg	J	Result <RL & >MDL
4,6-Dinitro-2-methylphenol		< 0.096	mg/kg	UJ	CCV - 24.3% Diff
4-Bromophenyl-phenylether		< 0.0481	mg/kg	UJ	CCV - 27.0% Diff
4-Methyl-2-pentanone		< 0.0025	mg/kg	UJ	CCV - 24.2% Diff
Acetone		0.014	mg/kg	J+	LCSD - 196% Rec
Atrazine		< 0.0481	mg/kg	UJ	CCV - 21.5% Diff
Bromochloromethane		< 0.0025	mg/kg	UJ	CCV - 20.9% Diff
Bromomethane		< 0.0025	mg/kg	UJ	LCSD - 32.4% RPD
Carbon disulfide		< 0.0025	mg/kg	UJ	LCSD - 31.0% RPD
Chloromethane		< 0.0025	mg/kg	UJ	CCV - 21.4% Diff; LCSD - 49.0% RPD
Dichlorodifluoromethane		< 0.0025	mg/kg	UJ	CCV - 63.7% Diff; LCSD - 92.2% RPD
Diphenylamine		< 0.096	mg/kg	UJ	CCV - 26.3% Diff
Hexachlorobutadiene		< 0.0025	mg/kg	UJ	LCS - 79.0% Rec
Methylene chloride		0.029	mg/kg	J+	LCSD - 194% Rec; MB - Result (0.020 mg/kg) > RL
N-Nitrosodimethylamine		< 0.0481	mg/kg	UJ	CCV - 25.9% Diff
Vinylchloride		< 0.0025	mg/kg	UJ	LCSD - 38.7% RPD

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-44 (22-25)					
SB-44 (22-25)	**24I0889-01**	**9/13/2024**			
1,2-Diphenylhydrazine		< 0.0465	mg/kg	UJ	CCV - 24.8% Diff
1,4-Dioxane		< 0.046	mg/kg	UJ	LCSD - 68.5 RPD
2,4-Dinitrophenol		< 0.0928	mg/kg	UJ	CCV - 78.7% Diff
4,6-Dinitro-2-methylphenol		< 0.0928	mg/kg	UJ	CCV - 24.3% Diff
4-Bromophenyl-phenylether		< 0.0465	mg/kg	UJ	CCV - 27.0% Diff
Acetone		0.028	mg/kg	J+	LCSD - 200% Rec
Atrazine		< 0.0465	mg/kg	UJ	CCV - 21.5% Diff
Dichlorodifluoromethane		< 0.0023	mg/kg	UJ	CCV - 33.3% Diff
Diphenylamine		< 0.0928	mg/kg	UJ	CCV - 26.3% Diff
Hexachlorobutadiene		< 0.0023	mg/kg	UJ	LCS - 80.3% Rec
m,p-Xylene		0.0072	mg/kg	J	Result <RL & >MDL
N-Nitrosodimethylamine		< 0.0465	mg/kg	UJ	CCV - 25.9% Diff
Tetrachloroethene		< 0.0023	mg/kg	UJ	LCSD - 77.9% Rec
Xylene (Total)		0.0088	mg/kg	J	Result <RL & >MDL
SB-45 (28-30)					
SB-45 (28-30)	**24H2129-02**	**8/29/2024**			
2,4-Dinitrophenol		< 0.0923	mg/kg	UJ	CCV - 55.4% Diff
2,4-Dinitrotoluene		< 0.0462	mg/kg	UJ	CCV - 32.1% Diff
2,6-Dinitrotoluene		< 0.0462	mg/kg	UJ	CCV - 26.9% Diff
4,6-Dinitro-2-methylphenol		< 0.0923	mg/kg	UJ	CCV - 33.4% Diff
Acetone		0.012	mg/kg	J+	LCS - 308% Rec
Benzoic acid		< 0.0462	mg/kg	UJ	CCV - 23.0% Diff
Beryllium		0.251	mg/kg	J+	MB - Result (0.05 mg/lg) > RL
bis(2-Ethylhexyl)phthalate		< 0.0462	mg/kg	UJ	CCV - 27.8% Diff
Bromomethane		< 0.0025	mg/kg	UJ	CCV - 38.0% Diff
Butyl benzyl phthalate		< 0.0462	mg/kg	UJ	CCV - 31.4% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
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Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-45 (28-30)					
SB-45 (28-30)	**24H2129-02**	**8/29/2024**			
Chloroethane		< 0.0025	mg/kg	UJ	CCV - 38.2% Diff
Di-N-Octyl phthalate		< 0.0462	mg/kg	UJ	CCV - 33.8% Diff
Hexachlorocyclopentadiene		< 0.0462	mg/kg	UJ	CCV - 50.3% Diff
Methylene chloride		0.0051	mg/kg	J	Result <RL & >MDL
Pentachlorophenol		< 0.0462	mg/kg	UJ	CCV - 42.7% Diff
Tetrachloroethene		< 0.0025	mg/kg	UJ	LCS - 77% Rec
Trichloroethene		0.0038	mg/kg	J	Result <RL & >MDL
Trichlorofluoromethane		< 0.0025	mg/kg	UJ	CCV - 32.8% Diff
Vinylchloride		< 0.0025	mg/kg	UJ	CCV - 23.4% Diff
SB-46 (20-23)					
SB-46 (20-23)	**24H2129-03**	**8/29/2024**			
2,4-Dinitrophenol		< 0.0914	mg/kg	UJ	CCV - 55.4% Diff
2,4-Dinitrotoluene		< 0.0458	mg/kg	UJ	CCV - 32.1% Diff
2,6-Dinitrotoluene		< 0.0458	mg/kg	UJ	CCV - 26.9% Diff
4,6-Dinitro-2-methylphenol		< 0.0914	mg/kg	UJ	CCV - 33.4% Diff
Acetone		0.013	mg/kg	J+	LCSD - 250% Rec
Acrolein		< 0.0044	mg/kg	UJ	CCV - 26.0% Diff
Benzoic acid		< 0.0458	mg/kg	UJ	CCV - 23.0% Diff
Beryllium		0.36	mg/kg	J+	MB - Result (0.05 mg/lg) > RL
bis(2-Ethylhexyl)phthalate		< 0.0458	mg/kg	UJ	CCV - 27.8% Diff
Butyl benzyl phthalate		< 0.0458	mg/kg	UJ	CCV - 31.4% Diff
Di-N-Octyl phthalate		< 0.0458	mg/kg	UJ	CCV - 33.8% Diff
Hexachlorocyclopentadiene		< 0.0458	mg/kg	UJ	CCV - 50.3% Diff
Methyl Ethyl Ketone (2-Butanone)		0.0032	mg/kg	J	CCV - 63.5% Diff; Result <RL & >MDL
Pentachlorophenol		< 0.0458	mg/kg	UJ	CCV - 42.7% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-47 (25-27)					
SB-47 (25-27)	**24H2129-01RE1**	**8/29/2024**			
1,2,4-Trimethylbenzene		0.59	mg/kg	J+	Surr - 189% Diff
2,4-Dinitrophenol		< 0.0897	mg/kg	UJ	CCV - 55.4% Diff
2,4-Dinitrotoluene		< 0.045	mg/kg	UJ	CCV - 32.1% Diff
2,6-Dinitrotoluene		< 0.045	mg/kg	UJ	CCV - 26.9% Diff
4,6-Dinitro-2-methylphenol		< 0.0897	mg/kg	UJ	CCV - 33.4% Diff
Acrolein		0.032	mg/kg	J	CCV - 26.0% Diff
Benzene		0.0023	mg/kg	J+	Surr - 189% Diff; Result <RL & >MDL
Benzoic acid		< 0.045	mg/kg	UJ	CCV - 23.0% Diff
Beryllium		0.389	mg/kg	J+	MB - Result (0.05 mg/lg) > RL
bis(2-Ethylhexyl)phthalate		< 0.045	mg/kg	UJ	CCV - 27.8% Diff
Butyl benzyl phthalate		< 0.045	mg/kg	UJ	CCV - 31.4% Diff
Chlorobenzene		0.014	mg/kg	J+	Surr - 189% Diff
Di-N-Octyl phthalate		< 0.045	mg/kg	UJ	CCV - 33.8% Diff
Ethylbenzene		0.0058	mg/kg	J+	Surr - 189% Diff
Hexachlorocyclopentadiene		< 0.045	mg/kg	UJ	CCV - 50.3% Diff
Isopropylbenzene (Cumene)		0.2	mg/kg	J+	Surr - 189% Diff
m,p-Xylene		0.0093	mg/kg	J+	Surr - 189% Diff
Methyl Ethyl Ketone (2-Butanone)		< 0.002	mg/kg	UJ	CCV - 63.5% Diff
Methylcyclohexane		0.72	mg/kg	J-	IS - 532% Area%
N-Butylbenzene		0.71	mg/kg	J+	Surr - 189% Diff
N-Propylbenzene		0.89	mg/kg	J+	Surr - 189% Diff
o-Xylene		0.0078	mg/kg	J+	Surr - 189% Diff
P-Cymene (P-Isopropyltoluene)		0.15	mg/kg	J+	Surr - 189% Diff
Pentachlorophenol		< 0.045	mg/kg	UJ	CCV - 42.7% Diff
Sec-Butylbenzene		0.55	mg/kg	J+	Surr - 189% Diff
T-Butylbenzene		0.0066	mg/kg	J+	Surr - 189% Diff
Xylene (Total)		0.017	mg/kg	J+	Surr - 189% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-48 (28-31)					
SB-48 (28-31)	**24I0294-02**	**9/5/2024**			
1,1,1,2-Tetrachloroethane		< 0.0029	mg/kg	UJ	CCV - 21.3% Diffl LCS - 69.7% Rec
4,6-Dinitro-2-methylphenol		< 0.0972	mg/kg	UJ	CCV - 35.3% Diff
Acenaphthene		< 0.0487	mg/kg	UJ	CCV - 21.73% Diff
Acetone		0.012	mg/kg	J+	LCS - 225% Rec
Benzoic acid		< 0.0487	mg/kg	UJ	CCV - 57.5% Diff
bis(2-Chloroethoxy)methane		< 0.0487	mg/kg	UJ	CCV - 23.5% Diff
bis(2-Chloroisopropyl)ether		< 0.0487	mg/kg	UJ	CCV - 32.7% Diff
bis(2-Ethylhexyl)phthalate		< 0.0487	mg/kg	UJ	CCV - 25.4% Diff
Bromoform		< 0.0029	mg/kg	UJ	CCV - 22.5% Diff; LCS - 69.8% Rec
Bromomethane		< 0.0029	mg/kg	UJ	CCV - 97.2% Diff
Chloroethane		< 0.0029	mg/kg	UJ	CCV - 87.7% Diff
Dichlorodifluoromethane		< 0.0029	mg/kg	UJ	CCV - 34.2% Diff
Hexachlorobutadiene		< 0.0029	mg/kg	UJ	LCS - 75.7% Rec
Hexachlorocyclopentadiene		< 0.0487	mg/kg	UJ	CCV - 47.3% Diff
Methylene chloride		< 0.0058	mg/kg	UJ	CCV - 88.2% Diff
N-Nitrosodimethylamine		< 0.0487	mg/kg	UJ	CCV - 33.1% Diff
Pyridine		< 0.195	mg/kg	UJ	CCV - 29.7% Diff
Sec-Butylbenzene		0.0045	mg/kg	J	Detected Results <RL and >MDL
Tert-Butyl Alcohol		< 0.0029	mg/kg	UJ	CCV - 31.7% Diff; LCS - 66.2% Rec
Tetrachloroethene		< 0.0029	mg/kg	UJ	LCS - 68.2% Rec
Trichlorofluoromethane		< 0.0029	mg/kg	UJ	CCV - 83.1% Diff
Vinylchloride		< 0.0029	mg/kg	UJ	CCV - 49.9% Diff
SB-49 (27-30)					
SB-49 (27-30)	**24I0294-01**	**9/5/2024**			
1,1,1,2-Tetrachloroethane		< 0.0031	mg/kg	UJ	CCV - 21.3% Diffl LCS - 69.7% Rec
4,6-Dinitro-2-methylphenol		< 0.102	mg/kg	UJ	CCV - 35.3% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-49 (27-30)					
SB-49 (27-30)	**24I0294-01**	**9/5/2024**			
Acenaphthene		< 0.0509	mg/kg	UJ	CCV - 21.73% Diff
Benzoic acid		< 0.0509	mg/kg	UJ	CCV - 57.5% Diff
bis(2-Chloroethoxy)methane		< 0.0509	mg/kg	UJ	CCV - 23.5% Diff
bis(2-Chloroisopropyl)ether		< 0.0509	mg/kg	UJ	CCV - 32.7% Diff
bis(2-Ethylhexyl)phthalate		< 0.0509	mg/kg	UJ	CCV - 25.4% Diff
Bromoform		< 0.0031	mg/kg	UJ	CCV - 22.5% Diff; LCS - 69.8% Rec
Bromomethane		< 0.0031	mg/kg	UJ	CCV - 97.2% Diff
Chloroethane		< 0.0031	mg/kg	UJ	CCV - 87.7% Diff
Dichlorodifluoromethane		< 0.0031	mg/kg	UJ	CCV - 34.2% Diff
Hexachlorobutadiene		< 0.0031	mg/kg	UJ	LCS - 75.7% Rec
Hexachlorocyclopentadiene		< 0.0509	mg/kg	UJ	CCV - 47.3% Diff
Methylene chloride		< 0.0061	mg/kg	UJ	CCV - 88.2% Diff
N-Nitrosodimethylamine		< 0.0509	mg/kg	UJ	CCV - 33.1% Diff
Pyridine		< 0.203	mg/kg	UJ	CCV - 29.7% Diff
Tert-Butyl Alcohol		< 0.0031	mg/kg	UJ	CCV - 31.7% Diff; LCS - 66.2% Rec
Tetrachloroethene		0.019	mg/kg	UJ	LCS - 68.2% Rec
Trichlorofluoromethane		< 0.0031	mg/kg	UJ	CCV - 83.1% Diff
Vinylchloride		< 0.0031	mg/kg	UJ	CCV - 49.9% Diff
SB-5 (17.5-20)					
SB-5 (17.5-20)	**24H1788-05**	**8/26/2024**			
1,1,1,2-Tetrachloroethane		< 0.002	mg/kg	UJ	CCV - 24.4% Diff
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.002	mg/kg	UJ	CCV - 21.4% Diff
Acetone		0.0078	mg/kg	J+	LCS - 224% Rec; Result <RL & >MDL
Anthracene		0.072	mg/kg	J	Result <RL & >MDL
Isopropylbenzene (Cumene)		0.0023	mg/kg	J	Result <RL & >MDL
N-Propylbenzene		0.0022	mg/kg	J	Result <RL & >MDL

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-51 (10-13)					
SB-51 (10-13)	**24I0294-04**	**9/5/2024**			
1,1,1,2-Tetrachloroethane		< 0.0026	mg/kg	UJ	CCV - 21.3% Diffl LCS - 69.7% Rec
4,6-Dinitro-2-methylphenol		< 0.0874	mg/kg	UJ	CCV - 35.3% Diff
Acenaphthene		< 0.0438	mg/kg	UJ	CCV - 21.73% Diff
Benzoic acid		< 0.0438	mg/kg	UJ	CCV - 57.5% Diff
bis(2-Chloroethoxy)methane		< 0.0438	mg/kg	UJ	CCV - 23.5% Diff
bis(2-Chloroisopropyl)ether		< 0.0438	mg/kg	UJ	CCV - 32.7% Diff
bis(2-Ethylhexyl)phthalate		< 0.0438	mg/kg	UJ	CCV - 25.4% Diff
Bromoform		< 0.0026	mg/kg	UJ	CCV - 22.5% Diff; LCS - 69.8% Rec
Bromomethane		< 0.0026	mg/kg	UJ	CCV - 97.2% Diff
Chloroethane		< 0.0026	mg/kg	UJ	CCV - 87.7% Diff
Dichlorodifluoromethane		< 0.0026	mg/kg	UJ	CCV - 34.2% Diff
Hexachlorobutadiene		< 0.0026	mg/kg	UJ	LCS - 75.7% Rec
Hexachlorocyclopentadiene		< 0.0438	mg/kg	UJ	CCV - 47.3% Diff
Methylene chloride		< 0.0053	mg/kg	UJ	CCV - 88.2% Diff
N-Nitrosodimethylamine		< 0.0438	mg/kg	UJ	CCV - 33.1% Diff
Pyridine		< 0.175	mg/kg	UJ	CCV - 29.7% Diff
Tert-Butyl Alcohol		< 0.0026	mg/kg	UJ	CCV - 31.7% Diff; LCS - 66.2% Rec
Tetrachloroethene		< 0.0026	mg/kg	UJ	LCS - 68.2% Rec
Trichlorofluoromethane		< 0.0026	mg/kg	UJ	CCV - 83.1% Diff
Vinylchloride		< 0.0026	mg/kg	UJ	CCV - 49.9% Diff
SB-51 (2-4)					
SB-51 (2-4)	**24I0294-03**	**9/5/2024**			
1,1,1,2-Tetrachloroethane		< 0.0027	mg/kg	UJ	CCV - 21.3% Diffl LCS - 69.7% Rec
4,6-Dinitro-2-methylphenol		< 0.0903	mg/kg	UJ	CCV - 35.3% Diff
Acenaphthene		< 0.0453	mg/kg	UJ	CCV - 21.73% Diff
Acenaphthylene		0.0686	mg/kg	J	Detected Results <RL and >MDL

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-51 (2-4)					
SB-51 (2-4)	**24I0294-03**	**9/5/2024**			
Acetone		0.011	mg/kg	J+	LCS - 225% Rec
Anthracene		0.0455	mg/kg	J	Detected Results <RL and >MDL
Benz(a)anthracene		0.0816	mg/kg	J	Detected Results <RL and >MDL
Benzo(a)pyrene		0.0895	mg/kg	J	Detected Results <RL and >MDL
Benzo(b)fluoranthene		0.0758	mg/kg	J	Detected Results <RL and >MDL
Benzo(k)fluoranthene		0.0693	mg/kg	J	Detected Results <RL and >MDL
Benzoic acid		< 0.0453	mg/kg	UJ	CCV - 57.5% Diff
bis(2-Chloroethoxy)methane		< 0.0453	mg/kg	UJ	CCV - 23.5% Diff
bis(2-Chloroisopropyl)ether		< 0.0453	mg/kg	UJ	CCV - 32.7% Diff
bis(2-Ethylhexyl)phthalate		< 0.0453	mg/kg	UJ	CCV - 25.4% Diff
Bromoform		< 0.0027	mg/kg	UJ	CCV - 22.5% Diff; LCS - 69.8% Rec
Bromomethane		< 0.0027	mg/kg	UJ	CCV - 97.2% Diff
Chloroethane		< 0.0027	mg/kg	UJ	CCV - 87.7% Diff
Chrysene		0.0859	mg/kg	J	Detected Results <RL and >MDL
Dichlorodifluoromethane		< 0.0027	mg/kg	UJ	CCV - 34.2% Diff
Hexachlorobutadiene		< 0.0027	mg/kg	UJ	LCS - 75.7% Rec
Hexachlorocyclopentadiene		< 0.0453	mg/kg	UJ	CCV - 47.3% Diff
Methylene chloride		< 0.0054	mg/kg	UJ	CCV - 88.2% Diff
N-Nitrosodimethylamine		< 0.0453	mg/kg	UJ	CCV - 33.1% Diff
Pyridine		< 0.181	mg/kg	UJ	CCV - 29.7% Diff
Tert-Butyl Alcohol		< 0.0027	mg/kg	UJ	CCV - 31.7% Diff; LCS - 66.2% Rec
Tetrachloroethene		< 0.0027	mg/kg	UJ	LCS - 68.2% Rec
Trichlorofluoromethane		< 0.0027	mg/kg	UJ	CCV - 83.1% Diff
Vinylchloride		< 0.0027	mg/kg	UJ	CCV - 49.9% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-52 (25-27)					
SB-52 (25-27)	**24I0046-04**	**8/30/2024**			
1,2-Diphenylhydrazine		< 0.0475	mg/kg	UJ	CCV - 31.8% Diff
4,6-Dinitro-2-methylphenol		< 0.0948	mg/kg	UJ	CCV - 56.6% Diff
Acetone		0.023	mg/kg	J+	LCS - 308% Rec
bis(2-Chloroisopropyl)ether		< 0.0475	mg/kg	UJ	CCV - 42.2% Diff
bis(2-Ethylhexyl)phthalate		< 0.0475	mg/kg	UJ	CCV - 31.6% Diff
Bromomethane		< 0.0022	mg/kg	UJ	CCV - 38.0% Diff
Butyl benzyl phthalate		< 0.0475	mg/kg	UJ	CCV - 28.5% Diff
Chloroethane		< 0.0022	mg/kg	UJ	CCV - 38.2% Diff
Dibenz(a,h)anthracene		< 0.0475	mg/kg	UJ	CCV - 26.1% Diff
Di-N-Octyl phthalate		< 0.0475	mg/kg	UJ	CCV - 28.0% Diff
Hexachlorocyclopentadiene		< 0.0475	mg/kg	UJ	CCV - 30.2% Diff
Isophorone		< 0.0475	mg/kg	UJ	CCV - 20.1% Diff
N-Nitrosodimethylamine		< 0.0475	mg/kg	UJ	CCV - 31.0% Diff
Pentachlorophenol		< 0.0475	mg/kg	UJ	CCV - 33.7% Diff
Pyridine		< 0.19	mg/kg	UJ	CCV - 24.2% Diff
Tetrachloroethene		< 0.0022	mg/kg	UJ	LCS - 77% Rec
Trichlorofluoromethane		< 0.0022	mg/kg	UJ	CCV - 32.8% Diff
Vinylchloride		< 0.0022	mg/kg	UJ	CCV - 23.4% Diff
SB-6 (21-23)					
SB-6 (21-23)	**24H2011-05**	**8/27/2024**			
1,1,1,2-Tetrachloroethane		< 0.0021	mg/kg	UJ	LCSD - 73.4% Rec
1,2,4-Trimethylbenzene		0.013	mg/kg	J+	Surr - 481% Rec
2,4-Dinitrophenol		< 0.0903	mg/kg	UJ	CCV - 38.9% Diff
2,4-Dinitrotoluene		< 0.0453	mg/kg	UJ	CCV - 27.5% Diff
2,6-Dinitrotoluene		< 0.0453	mg/kg	UJ	CCV - 26.0% Diff
4,6-Dinitro-2-methylphenol		< 0.0903	mg/kg	UJ	CCV - 31.7% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-6 (21-23)					
SB-6 (21-23)	**24H2011-05**	**8/27/2024**			
Acetone		0.01	mg/kg	J+	LCS - 255% Rec
Benzidine		< 0.181	mg/kg	UJ	CCV - 33.8% Diff
Benzoic acid		< 0.0453	mg/kg	UJ	CCV - 20.5% Diff
bis(2-Ethylhexyl)phthalate		< 0.0453	mg/kg	UJ	CCV - 33.3% Diff
Butyl benzyl phthalate		< 0.0453	mg/kg	UJ	CCV - 39.1% Diff
Chlorobenzene		0.0023	mg/kg	J+	Surr - 481% Rec; Result <RL & >MDL
Di-N-Octyl phthalate		< 0.0453	mg/kg	UJ	CCV - 39.4% Diff
Ethylbenzene		0.0025	mg/kg	J+	Surr - 481% Rec; Result <RL & >MDL
Hexachlorobenzene		< 0.0453	mg/kg	UJ	CCV - 23.1% Diff
Hexachlorocyclopentadiene		< 0.0453	mg/kg	UJ	CCV - 34.0% Diff
Isopropylbenzene (Cumene)		0.16	mg/kg	J+	Surr - 481% Rec
m,p-Xylene		0.0056	mg/kg	J+	Surr - 481% Rec; Result <RL & >MDL
N-Butylbenzene		0.11	mg/kg	J+	Surr - 481% Rec
N-Propylbenzene		0.29	mg/kg	J+	Surr - 481% Rec
Pentachlorophenol		< 0.0453	mg/kg	UJ	CCV - 43.8% Diff
Pyrene		< 0.0453	mg/kg	UJ	CCV - 24.6% Diff
Sec-Butylbenzene		0.13	mg/kg	J+	Surr - 481% Rec
T-Butylbenzene		0.014	mg/kg	J+	Surr - 481% Rec
Tetrachloroethene		< 0.0021	mg/kg	UJ	LCSD - 72.1% Rec
Trichloroethene		0.0054	mg/kg	J	Lab Dup - 58.6 RPD
Xylene (Total)		0.0072	mg/kg	J+	Surr - 481% Rec; Result <RL & >MDL
SB-60 (3-6)					
SB-60 (3-6)	**24I0221-02**	**9/3/2024**			
1,1,1,2-Tetrachloroethane		< 0.0031	mg/kg	UJ	CCV - 28.0% Diff
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.0031	mg/kg	UJ	CCV - 34.8% Diff
1,1-Dichloroethene		< 0.0031	mg/kg	UJ	CCV - 39.4% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-60 (3-6)					
SB-60 (3-6)	**24I0221-02**	**9/3/2024**			
1,2-Diphenylhydrazine		< 0.0508	mg/kg	UJ	CCV - 28.4%Diff
4,6-Dinitro-2-methylphenol		< 0.101	mg/kg	UJ	CCV - 28.4%Diff
Acetone		0.048	mg/kg	J+	LCS - 266% Rec
Acrolein		< 0.0061	mg/kg	UJ	CCV - 25.3% Diff
Aniline		< 0.203	mg/kg	UJ	CCV - 27.1%Diff
Benzoic acid		< 0.0508	mg/kg	UJ	CCV - 35.8%Diff
bis(2-Chloroethoxy)methane		< 0.0508	mg/kg	UJ	CCV - 21.9%Diff
bis(2-Chloroethyl)ether		< 0.0508	mg/kg	UJ	CCV - 26.9%Diff
bis(2-Chloroisopropyl)ether		< 0.0508	mg/kg	UJ	CCV - 34.7%Diff
Bromoform		< 0.0031	mg/kg	UJ	CCV - 29.7% Diff; LCS - 76% Rec
Bromomethane		< 0.0031	mg/kg	UJ	CCV - 97.6% Diff
Butyl benzyl phthalate		< 0.0508	mg/kg	UJ	CCV - 30.7%Diff
Chloroethane		< 0.0031	mg/kg	UJ	CCV - 90.0% Diff
Dibenz(a,h)anthracene		< 0.0508	mg/kg	UJ	CCV - 31.8%Diff
Dibromochloromethane		< 0.0031	mg/kg	UJ	CCV - 21.0% Diff
Dichlorodifluoromethane		< 0.0031	mg/kg	UJ	CCV - 35.4% Diff
Di-N-Octyl phthalate		< 0.0508	mg/kg	UJ	CCV - 32.4%Diff
Hexachlorobenzene		< 0.0508	mg/kg	UJ	CCV - 0.1 RRF
Hexachlorobutadiene		< 0.0031	mg/kg	UJ	LCS - 78.3% Rec
Hexachlorocyclopentadiene		< 0.0508	mg/kg	UJ	CCV - 26.1%Diff
N-Nitrosodimethylamine		< 0.0508	mg/kg	UJ	CCV - 31.1%Diff
Phenol		< 0.0508	mg/kg	UJ	CCV - 22.8%Diff
Pyridine		< 0.203	mg/kg	UJ	CCV - 22.8%Diff
Tert-Butyl Alcohol		< 0.0031	mg/kg	UJ	CCV - 26.9% Diff
Tetrachloroethene		< 0.0031	mg/kg	UJ	CCV - 25.8% Diff; LCS - 73.0% Rec
Trichlorofluoromethane		< 0.0031	mg/kg	UJ	CCV - 90.5% Diff
Vinylchloride		< 0.0031	mg/kg	UJ	CCV - 56.5% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-61 (2-5)					
SB-61 (2-5)	**24I0221-05**	**9/4/2024**			
1,1,1,2-Tetrachloroethane		< 0.0029	mg/kg	UJ	CCV - 28.0% Diff
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.0029	mg/kg	UJ	CCV - 34.8% Diff
1,1-Dichloroethene		< 0.0029	mg/kg	UJ	CCV - 39.4% Diff
1,2-Diphenylhydrazine		< 0.0473	mg/kg	UJ	CCV - 28.4%Diff
4,6-Dinitro-2-methylphenol		< 0.0945	mg/kg	UJ	CCV - 28.4%Diff
Acetone		0.027	mg/kg	J+	LCS - 266% Rec
Acrolein		< 0.0058	mg/kg	UJ	CCV - 25.3% Diff
Aniline		< 0.189	mg/kg	UJ	CCV - 27.1%Diff
Benzoic acid		< 0.0473	mg/kg	UJ	CCV - 35.8%Diff
bis(2-Chloroethoxy)methane		< 0.0473	mg/kg	UJ	CCV - 21.9%Diff
bis(2-Chloroethyl)ether		< 0.0473	mg/kg	UJ	CCV - 26.9%Diff
bis(2-Chloroisopropyl)ether		< 0.0473	mg/kg	UJ	CCV - 34.7%Diff
Bromoform		< 0.0029	mg/kg	UJ	CCV - 29.7% Diff; LCS - 76% Rec
Bromomethane		< 0.0029	mg/kg	UJ	CCV - 97.6% Diff
Butyl benzyl phthalate		< 0.0473	mg/kg	UJ	CCV - 30.7%Diff
Chloroethane		< 0.0029	mg/kg	UJ	CCV - 90.0% Diff
Dibenz(a,h)anthracene		0.552	mg/kg	UJ	CCV - 31.8%Diff
Dibromochloromethane		< 0.0029	mg/kg	UJ	CCV - 21.0% Diff
Dichlorodifluoromethane		< 0.0029	mg/kg	UJ	CCV - 35.4% Diff
Di-N-Octyl phthalate		< 0.0473	mg/kg	UJ	CCV - 32.4%Diff
Hexachlorobenzene		< 0.0473	mg/kg	UJ	CCV - 0.1 RRF
Hexachlorobutadiene		< 0.0029	mg/kg	UJ	LCS - 78.3% Rec
Hexachlorocyclopentadiene		< 0.0473	mg/kg	UJ	CCV - 26.1%Diff
Naphthalene		0.0589	mg/kg	J	Result <RL & >MDL
N-Nitrosodimethylamine		< 0.0473	mg/kg	UJ	CCV - 31.1%Diff
Phenol		< 0.0473	mg/kg	UJ	CCV - 22.8%Diff
Pyridine		< 0.189	mg/kg	UJ	CCV - 22.8%Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-61 (2-5)					
SB-61 (2-5)	**24I0221-05**	**9/4/2024**			
Tert-Butyl Alcohol		< 0.0029	mg/kg	UJ	CCV - 26.9% Diff
Tetrachloroethene		< 0.0029	mg/kg	UJ	CCV - 25.8% Diff; LCS - 73.0% Rec
Trichlorofluoromethane		< 0.0029	mg/kg	UJ	CCV - 90.5% Diff
Vinylchloride		< 0.0029	mg/kg	UJ	CCV - 56.5% Diff
SB-62 (2-5)					
SB-62 (2-5)	**24I0746-01**	**9/9/2024**			
1,2-Dibromoethane (Ethylene Dibromide)		< 0.0033	mg/kg	UJ	CCV - 23.2% Diff
1,4-Dioxane		< 0.066	mg/kg	UJ	CCV - 31.3% Diff
2,4-Dinitrotoluene		< 0.046	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0917	mg/kg	UJ	CCV - 32.6% Diff
4-Methyl-2-pentanone		< 0.0033	mg/kg	UJ	CCV - 22.2% Diff
4-Nitroaniline		< 0.0917	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0917	mg/kg	UJ	CCV - 27.0% Diff
Acrolein		< 0.0066	mg/kg	UJ	CCV - 44.8% Diff
Arsenic		15.4	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.039	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.046	mg/kg	UJ	CCV - 21.3% Diff
bis(2-Ethylhexyl)phthalate		0.0535	mg/kg	J	Result <RL & >MDL
Bromochloromethane		< 0.0033	mg/kg	UJ	CCV - 20.9% Diff
Bromoform		< 0.0033	mg/kg	UJ	CCV - 26.5% Diff
Dibromochloromethane		< 0.0033	mg/kg	UJ	CCV - 22.9% Diff
Dichlorodifluoromethane		< 0.0033	mg/kg	UJ	CCV - 75.7% Diff
Methyl Ethyl Ketone (2-Butanone)		< 0.0033	mg/kg	UJ	CCV - 30.8% Diff
Methylene chloride		0.015	mg/kg	J	CCV - 33.4% Diff
Nickel		16.4	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.046	mg/kg	UJ	CCV - 26.6% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-62 (2-5)					
SB-62 (2-5)	**24I0746-01**	**9/9/2024**			
Pyridine		< 0.184	mg/kg	UJ	CCV - 23.4% Diff
Tert-Butyl Methyl Ether		< 0.0033	mg/kg	UJ	CCV - 24.7% Diff
SB-63 (10-12)					
SB-63 (10-12)	**24I0746-03**	**9/9/2024**			
2,4-Dinitrotoluene		< 0.05	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0997	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0997	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0997	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		2.95	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.042	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.05	mg/kg	UJ	CCV - 21.3% Diff
Nickel		6.74	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.05	mg/kg	UJ	CCV - 26.6% Diff
Pyridine		< 0.2	mg/kg	UJ	CCV - 23.4% Diff
Tetrachloroethene		< 0.003	mg/kg	UJ	LCS - 79.2% Rec
SB-7 (15-18)					
SB-7 (15-18)	**24H2011-02**	**8/27/2024**			
1,1,1,2-Tetrachloroethane		< 0.0023	mg/kg	UJ	LCSD - 73.4% Rec
1,2-Dibromo-3-chloropropane		0.0039	mg/kg	J	Result <RL & >MDL
2,4-Dinitrophenol		< 0.0885	mg/kg	UJ	CCV - 38.9% Diff
2,4-Dinitrotoluene		< 0.0444	mg/kg	UJ	CCV - 27.5% Diff
2,6-Dinitrotoluene		< 0.0444	mg/kg	UJ	CCV - 26.0% Diff
4,6-Dinitro-2-methylphenol		< 0.0885	mg/kg	UJ	CCV - 31.7% Diff
Acetone		0.022	mg/kg	J+	LCS - 255% Rec
Benzidine		< 0.177	mg/kg	UJ	CCV - 33.8% Diff
Benzoic acid		< 0.0444	mg/kg	UJ	CCV - 20.5% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-7 (15-18)					
SB-7 (15-18)	**24H2011-02**	**8/27/2024**			
bis(2-Ethylhexyl)phthalate		< 0.0444	mg/kg	UJ	CCV - 33.3% Diff
Butyl benzyl phthalate		< 0.0444	mg/kg	UJ	CCV - 39.1% Diff
Carbazole		0.0849	mg/kg	J	Result <RL & >MDL
Di-N-Octyl phthalate		< 0.0444	mg/kg	UJ	CCV - 39.4% Diff
Fluoranthene		0.0531	mg/kg	J	Result <RL & >MDL
Hexachlorobenzene		< 0.0444	mg/kg	UJ	CCV - 23.1% Diff
Hexachlorocyclopentadiene		< 0.0444	mg/kg	UJ	CCV - 34.0% Diff
Methyl Ethyl Ketone (2-Butanone)		0.0027	mg/kg	J	Result <RL & >MDL
Pentachlorophenol		< 0.0444	mg/kg	UJ	CCV - 43.8% Diff
Pyrene		0.311	mg/kg	J	CCV - 24.6% Diff
Tetrachloroethene		< 0.0023	mg/kg	UJ	LCSD - 72.1% Rec
Trichloroethene		0.0045	mg/kg	J	Lab Dup - 58.6 RPD
SB-8 (25-28)					
SB-8 (25-28)	**24H2011-01**	**8/27/2024**			
1,1,1,2-Tetrachloroethane		< 0.0023	mg/kg	UJ	LCSD - 73.4% Rec
1,2,4-Trimethylbenzene		0.43	mg/kg	J+	Surr - 219% Recovery
1,3,5-Trimethylbenzene (Mesitylene)		0.015	mg/kg	J+	Surr - 219% Recovery
2,4-Dinitrophenol		< 0.0942	mg/kg	UJ	CCV - 38.9% Diff
2,4-Dinitrotoluene		< 0.0472	mg/kg	UJ	CCV - 27.5% Diff
2,6-Dinitrotoluene		< 0.0472	mg/kg	UJ	CCV - 26.0% Diff
4,6-Dinitro-2-methylphenol		< 0.0942	mg/kg	UJ	CCV - 31.7% Diff
Acetone		0.024	mg/kg	J+	LCS - 255% Rec
Benzidine		< 0.189	mg/kg	UJ	CCV - 33.8% Diff
Benzo(g,h,i)perylene		0.0655	mg/kg	J	Result <RL & >MDL
Benzoic acid		< 0.0472	mg/kg	UJ	CCV - 20.5% Diff
bis(2-Ethylhexyl)phthalate		< 0.0472	mg/kg	UJ	CCV - 33.3% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-8 (25-28)					
SB-8 (25-28)	**24H2011-01**	**8/27/2024**			
Butyl benzyl phthalate		< 0.0472	mg/kg	UJ	CCV - 39.1% Diff
Di-N-Octyl phthalate		< 0.0472	mg/kg	UJ	CCV - 39.4% Diff
Ethylbenzene		0.0032	mg/kg	J+	Surr - 219% Recovery; Result <RL & >MDL
Hexachlorobenzene		< 0.0472	mg/kg	UJ	CCV - 23.1% Diff
Hexachlorocyclopentadiene		< 0.0472	mg/kg	UJ	CCV - 34.0% Diff
Indeno(1,2,3-cd)pyrene		0.0715	mg/kg	J	Result <RL & >MDL
Isopropylbenzene (Cumene)		0.026	mg/kg	J+	Surr - 219% Recovery
m,p-Xylene		0.023	mg/kg	J+	Surr - 219% Rec
Methylcyclohexane		0.0028	mg/kg	J	Result <RL & >MDL
N-Butylbenzene		0.059	mg/kg	J+	Surr - 219% Recovery
N-Propylbenzene		0.05	mg/kg	J+	Surr - 219% Recovery
o-Xylene		0.015	mg/kg	J+	Surr - 219% Rec
P-Cymene (P-Isopropyltoluene)		0.012	mg/kg	J+	LCSD - 136% Rec
Pentachlorophenol		< 0.0472	mg/kg	UJ	CCV - 43.8% Diff
Pyrene		< 0.0472	mg/kg	UJ	CCV - 24.6% Diff
Sec-Butylbenzene		0.024	mg/kg	J+	Surr - 219% Recovery
Tetrachloroethene		< 0.0023	mg/kg	UJ	LCSD - 72.1% Rec
Trichloroethene		0.0092	mg/kg	J	Lab Dup - 58.6 RPD
Xylene (Total)		0.038	mg/kg	J+	Surr - 219% Rec
SB-9 (17-20)					
SB-9 (17-20)	**24I0746-10**	**9/10/2024**			
2,4-Dinitrotoluene		< 0.0434	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0866	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0866	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0866	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		18.8	mg/kg	J	Lab Dup - 48.2

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-9 (17-20)					
SB-9 (17-20)	**24I0746-10**	**9/10/2024**			
Beryllium		0.062	mg/kg	J	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.0434	mg/kg	UJ	CCV - 21.3% Diff
Nickel		17.4	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.0434	mg/kg	UJ	CCV - 26.6% Diff
Pyridine		< 0.173	mg/kg	UJ	CCV - 23.4% Diff
Tetrachloroethene		< 0.0019	mg/kg	UJ	LCS - 79.2% Rec

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-4 PARCC Summary Table
Remington Arms - Soil Boring Project
August/September 2024 Sampling Event

Precision Objective

QC Type	# of Results Out of Control Limits	# of Qualifiers
Field Duplicates	35	52
Lab Duplicates	104	64
Total	**139**	**116**

Accuracy Objective

QC Type	# of Results Out of Control Limits	# of Qualifiers
Results <PQL and > MDL	119	92
Holding Time	0	0
Calibration	45	11
Initial Calibration Verification	86	0
Continuing Calibration Verification	329	809
Field Blanks	65	0
Lab Blanks	22	6
Interference Check Sample	0	0
Laboratory Control Sample	198	136
Matrix Spike Sample (Recoveries)	70	24
Serial Dilution Sample	14	9
Surrogates	41	75
Internal Standards	15	76
Total	**1004**	**1238**

***Notes:** One detected result that was originally qualified by laboratory as less than the reporting limit,

Representative Objective

A project specific sampling and analysis plan was not available, therefore project required sampling sites
Proper sampling and analytical procedures used for this sampling event.

Completeness Objective

# of Planned Measurements	# of Rejected (or anomalous) Measurements	% Completeness
10879	**94**	**99.1%**

Comparability Objective

Data results were reported in standard units
Data were qualified according to QAPP and EPA guidelines
Analysis were performed accoring to QAPP and EPA accepted methods.

Sensitivity Objective

Data were reported using the proper detection limits except for parameters noted in Table B-3.
Data were reported down to the method detection limit (MDL) for methods SW8260 (VOC) and SW8270 (SVOC). Detected results that were greater than the MDL but less than the laboratory quantitative reporting limit (RL), were qualified with "J" by the laboratory (119 results). Of the 119 results, 92 remained qualified "J", while the remaining results were qualified for other QC exceedances. Refer to Table B-4 for a list of these results.

Unqualified Data Percentage

# of Measurements	Total Measurements Qualified	% Not Qualified
10879	**1354**	**87.6%**

APPENDIX B

FIELD AND LABORATORY QA/QC SUMMARY FORMS AND TABLES

SAMPLE DATA REVIEW

Client	Site	Sampling & Analysis Plan	Sample Date
HRP Associates, Inc. 1 Fairfield Square, Suite 110. Clifton Park, NY 12065	Remington Arms Herkimer County Ilion, New York	Generic Field Activities Plan for Work Assignments. Prepared for: New York State Department of Environmental Conservation. Prepared by: HRP Associates, Inc. 8/9/2019.	August 26 through September 16, 2024
		Generic Quality Assurance Project Plan for Work Assignments. Prepared for: Yew York State Department of Environmental Conservation. Prepared by: HRP Associates, Inc. 8/8/2019.	
		Target Brownfield Sites, Herkimer County, NY - Generic QAPP 5/9/24. Addendum: Remington Arms. Multiple Parcels, Ilion, New York. Prepared for: Mr. John J. Piseck, Jr., Herkimer County Industrial Development Agency. Prepared by: HRP Associates, Inc. 7/1/2024	

Laboratory	Lab Package/SDG	No. of Samples/Matrix	Data Package Level
York Analytical	24H1788	5 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24H2011	7 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24H2129	3 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24I0046	3 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24I0221	6 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24I0294	6 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24I0746	14 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24I0791	8 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24I0889	4 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24I1005	12 Soil Samples & 1 Rinsate Blank	Category B

Reviewer Name	Received Complete Data Package Date	Data Validation Completion Date	Data Validation Level
Linda L. Tangen	10/22/2024	12/16/2024	Category B/ USEPA Stage 3.

Field QA/QC Summary

Description	Comments
Field Instrument Calibration	Not Required for solids.
Field Measurements Stabilized	Not Required for solids.
Project Required Field Parameters Measured	Not Required for solids.
Project Required Stations Sampled	Yes
Samples Preserved and Packaged Correctly	Soil samples collected for VOC analyses were shipped in glass jars instead of a hermetically sealed "purge and trap" vial as required by EPA method SW846-5035A. Results accepted without qualifiers for this deviation from sampling protocol.
Chain of Custodies Properly Filled Out	Yes
Rinsate Blanks	65 detected results / 0 qualifiers. See Table B-1.
Field Duplicate	35 out of QC / 52 qualifiers. See Table B-2.
Trip Blank	Not submitted for analysis. With input from the laboratory, no action was taken.

LABORATORY QA/QC SUMMARY

Lab Package/SDG	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1
Method/Analyses	**SM2540G**	**SW6010**	**SW6020**	**SW7470/7473**	**SW8081**	**SW8082**
Quality Control Criteria	**% Solids**	**Metals**	**Metals**	**Mercury**	**Pesticides**	**Aroclor/PCBs**
Preservation and Hold Times (HT)	NA	OK	OK	OK	OK	OK
Reporting Limits Met Project Detection Limits	NA	OK	OK	OK	Not met for selected compounds. See Table B-3	OK
Detected Results < Lab's Reporting Limit (RL) & > Method Detection Limit (MDL)	NA	None (Reported down to RL)	None (Reported down to RL)	None (Reported down to RL)	None (Reported down to RL)	None (Reported down to RL)
Calibration	NA	OK	OK	OK	OK	OK
Initial Calibration Verification	NA	OK	OK	OK	OK	OK
Continuing Calibration Verification	NA	5 out of QC 0 qualifiers See Table B-7b	22 out of QC 15 qualifiers See Table B-7b	OK	OK	1 out of QC 5 qualifiers See Table B-7a
Blanks	NA	4 out of QC 5 qualifiers See Table B-8	7 out of QC 0 qualifiers See Table B-8	OK	OK	OK
Interference Check Sample	NA	OK	OK	NA	NA	OK
Laboratory Control Sample	NA	OK	2 out of QC 1 qualifiers See Table B-9	OK	OK	OK
Duplicate Sample Analysis (Includes MS and LCS Duplicates)	OK	Frequency not met. See Table B-10a 5 out of QC 41 qualifiers See Table B-10b	Frequency not met. See Table B-10a 4 out of QC 4 qualifiers See Table B-10b	Frequency not met. See Table B-10a 5 out of QC 41 qualifiers See Table B-10b	Frequency not met. See Table B-10a	2 out of QC 0 qualifiers See Table B-10b
Matrix Spike Sample Analysis (Recoveries)	NA	13 out of QC 10 qualifiers See Table B-11	OK	1 out of QC 1 qualifiers See Table B-11	OK	OK

Table Continued

LABORATORY QA/QC SUMMARY (Continued)

Lab Package/SDG	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1
Method/Analyses	**SM2540G**	**SW6010**	**SW6020**	**SW7473**	**SW8081**	**SW8082**
Quality Control Criteria	**% Solids**	**Metals**	**Metals**	**Mercury**	**Pesticides**	**Aroclor/PCBs**
Serial Dilution	NA	12 out of QC 9 qualifiers See Table B-12	2 out of QC 0 qualifiers See Table B-12	NA	NA	NA
DMC or Sur Spikes	NA	NA	NA	NA	OK	2 out of QC 0 qualifiers See Table B-13
Internal Standards	NA	NA	NA	NA	NA	NA
System Performance Check	NA	NA	NA	NA	OK	OK
Target Analyte Identification	NA	OK	NA	OK	OK	OK
Target Analyte Quantitation	NA	OK	OK	OK	OK	OK
Tentatively Identified Compounds	NA	NA	OK	NA	NA	NA

Table Continued

LABORATORY QA/QC SUMMARY (Continued)

Lab Package/SDG	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1
Method/Analyses	**SW8151A**	**SW8260C**	**SW8270D**
Quality Control Criteria	**Herbicides**	**VOC**	**SVOC**
Preservation and Hold Times (HT)	OK	OK	OK
Reporting Limits Met Project Detection Limits	OK	Not met for selected compounds. See Table B-3	Not met for selected compounds. See Table B-3
Detected Results < Lab's Reporting Limit (RL) & > Method Detection Limit (MDL)	None (Reported down to RL)	44 results 20 J qualifiers. See Table B-4	75 results 72 J qualifiers. See Table B-4
Calibration	OK	4 out of QC 11 qualifiers See Table B-5	41 out of QC 0 qualifiers See Table B-5
Initial Calibration Verification	OK	34 out of QC 0 qualifiers See Table B-6	52 out of QC 0 qualifiers See Table B-6
Continuing Calibration Verification	OK	98 out of QC 207 qualifiers See Table B-7a	203 out of QC 582 qualifiers See Table B-7a
Blanks	OK	10 out of QC 1 qualifiers See Table B-8	1 out of QC 0 qualifiers See Table B-8
Interference Check Sample	OK	NA	NA
Laboratory Control Sample	OK	150 out of QC 102 qualifiers See Table B-9b	Frequency not met. See Table B-9a 46 out of QC 33 qualifiers See Table B-9
Duplicate Sample Analysis (Includes MS and LCS Duplicates)	Frequency not met. See Table B-10a	Frequency not met. See Table B-10a 75 out of QC 12 qualifiers See Table B-10b	Frequency not met. See Table B-10a 17 out of QC 2 qualifiers See Table B-10b

Table Continued

LABORATORY QA/QC SUMMARY (Continued)

Lab Package/SDG	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1
Method/Analyses	**SW8151A**	**SW8260C**	**SW8270D**
Quality Control Criteria	**Herbicides**	**VOC**	**SVOC**
Matrix Spike Sample Analysis (Recoveries)	OK	43 out of QC 10 qualifiers See Table B-11	13 out of QC 3 qualifiers See Table B-11
Serial Dilution	NA	NA	NA
DMC or Sur Spikes	OK	23 out of QC 75 qualifiers See Table B-13	16 out of QC 0 qualifiers See Table B-13
Internal Standards	NA	5 out of QC 25 qualifiers See Table B-14	15 out of QC 76 qualifiers See Table B-14
System Performance Check	OK	OK	OK
Target Analyte Identification	OK	OK	OK
Target Analyte Quantitation	OK	OK	OK
Tentatively Identified Compounds	NA	Not Required	Not Required

Overall Data Assessment and Other Issues

Overall Assessment of Inorganic Data	Of 10879 measurements, 1354 were qualified, of these, 94 results were rejected. 99.1% of the data can be used for the purposes of this project, if qualified data are used with caution. The data validation qualifier and definitions are in Table A-2. The qualified data are reported in Table A-3. These tables are in Appendix A.
Other Issues	Detected results for methods SW8260 (VOC), and SW8270 (SVOC) were reported down the method detection limit (MDL). Detected results for all other methods were reported down to the laboratory's reporting limits.
	Trip blanks were not submitted for this sampling event. Therefore, low level cross-contamination in the field and shipping could not be measured.
	Field notes were not submitted for this sampling event. Stations where field duplicate samples were collected were obtained by an email from the project manager.
	Field rinsate blanks were not used to qualify data. However, the detections were noted in the report.
	The sample containers used to ship samples for method SW8260 (VOC) analyses were 4-ounce glass jars, not hermetically sealed vials (trap and seal containers), as required by preparation method SW5035A. This is a common occurrence and with the laboratory's input, no action was taken.

Table B-1. Rinsate Blank Detections

Blank Type	Sample Code	Lab Code	Submit Date	Parameter	Unit	MDL	RL	Blank Result	5 X Blank	Notes*
Method SW6010										
Rinsate	RB_8.26.24	24H1788-06	8/26/24	Chromium	ug/l	1.11	1.11	1.52	7.6	0 (2)
				Copper	ug/l	1.11	1.11	1.14	5.7	0 (2)
				Zinc	ug/l	1.11	1.11	8.26	41.3	0 (3)
Rinsate	RB_8.28.24	24H2011-08	8/28/24	Chromium	ug/l	1.11	1.11	1.17	5.85	0 (1)
				Copper	ug/l	1.11	1.11	1.64	8.2	0 (2)
				Zinc	ug/l	1.11	1.11	13.8	69	0 (3)
Rinsate	RB_8.29.24	24H2129-04	8/29/24	Chromium	ug/l	1.11	1.11	1.38	6.9	0 (1)
				Copper	ug/l	1.11	1.11	1.37	6.85	0 (2)
				Zinc	ug/l	1.11	1.11	12.9	64.5	0 (3)
Rinsate	RB_8.30.24	24I0046-03	8/30/24	Chromium	ug/l	1.11	1.11	1.3	6.5	0 (2)
				Copper	ug/l	1.11	1.11	1.34	6.7	0 (2)
				Nickel	ug/l	1.11	1.11	2.69	13.45	0 (2)
				Zinc	ug/l	1.11	1.11	13.8	69	0 (3)
Rinsate	RB_9.3.24	24I0221-04	9/3/24	Chromium	ug/l	1.11	1.11	1.26	6.3	0 (2)
				Copper	ug/l	1.11	1.11	1.2	6	0 (2)
				Selenium	ug/l	1.11	1.11	2.28	11.4	0 (1,2)
				Zinc	ug/l	1.11	1.11	13.2	66	0 (3)
Rinsate	RB_9.9.24	24I0746-05	9/9/24	Chromium	ug/l	1.11	1.11	2.15	10.75	0 (2)
				Copper	ug/l	1.11	1.11	1.33	6.65	0 (2)
				Selenium	ug/l	1.11	1.11	1.32	6.6	0 (1,2)
				Zinc	ug/l	1.11	1.11	13.6	68	0 (3)
Rinsate	RB_9.12.24	24I0791-09	9/12/24	Chromium	ug/l	1.11	1.11	1.3	6.5	0 (2)
				Copper	ug/l	1.11	1.11	6.71	33.55	0 (3)
				Nickel	ug/l	1.11	1.11	1.26	6.3	0 (2)
				Selenium	ug/l	1.11	1.11	1.78	8.9	0 (1,2)
				Zinc	ug/l	1.11	1.11	14.7	73.5	0 (3)
Rinsate	RB_9.13.24	24I0889-05	9/13/24	Chromium	ug/l	1.11	1.11	1.49	7.45	0 (2)
				Copper	ug/l	1.11	1.11	1.67	8.35	0 (2)
				Lead	ug/l	1.11	1.11	3.26	16.3	0 (3)
				Zinc	ug/l	1.11	1.11	12.5	62.5	0 (3)
Rinsate	RB_9.16.24	24I1005-12	9/16/24	Chromium	ug/l	1.11	1.11	1.38	6.9	0 (2)
				Copper	ug/l	1.11	1.11	1.77	8.85	0 (2)
				Zinc	ug/l	1.11	1.11	20.6	103	0 (3)
Method SW7470										
Rinsate	RB_8.30.24	24I0046-03	8/30/24	Mercury	mg/l	0.0002	0.0002	2E-04	0.001	0 (1,2)
Method SW8082										
Rinsate	RB_9.9.24	24I0746-05	9/9/24	Aroclor-1254	ug/l	0.05	0.05	0.202	1.01	0 (1)
				Polychlorinated Biphenyl (PCBs)	ug/l	0.05	0.05	0.202	1.01	0 (1)
Method SW8260										
Rinsate	RB_8.26.24	24H1788-06	8/26/24	Bromodichloromethane	ug/l	0.245	0.5	1.4	7	0 (1)
				Chloroform	ug/l	0.243	0.5	14.7	73.5	0 (1)
				trans-1,3-Dichloropropene	ug/l	0.229	0.5	0.32	1.6	0 (1)
Rinsate	RB_8.28.24	24H2011-08	8/28/24	Bromodichloromethane	ug/l	0.245	0.245	1.69	8.45	0 (1)
				Chloroform	ug/l	0.243	0.243	18.4	92	0 (1)
Rinsate	RB_8.29.24	24H2129-04	8/29/24	Bromodichloromethane	ug/l	0.245	0.245	1.43	7.15	0 (1)
				Chloroform	ug/l	0.243	0.243	17.2	86	0 (1)

Table B-1. Rinsate Blank Detections

Blank Type	Sample Code	Lab Code	Submit Date	Parameter	Unit	MDL	RL	Blank Result	5 X Blank	Notes*
Rinsate	RB_8.30.24	24I0046-03	8/30/24	Bromodichloromethane	ug/l	0.245	0.245	1.59	7.95	0 (1)
				Chloroform	ug/l	0.243	0.243	18	90	0 (1)
Rinsate	RB_9.3.24	24I0221-04	9/3/24	Bromodichloromethane	ug/l	0.245	0.245	1.71	8.55	0 (1)
				Chloroform	ug/l	0.243	0.243	20.9	104.5	0 (1)
Rinsate	RB_9.9.24	24I0746-05	9/9/24	Bromodichloromethane	ug/l	0.245	0.245	0.92	4.6	0 (1)
				Chloroform	ug/l	0.243	0.243	9.05	45.25	0 (1)
Rinsate	RB_9.12.24	24I0791-09	9/12/24	Bromodichloromethane	ug/l	0.245	0.245	1.25	6.25	0 (1)
				Chloroform	ug/l	0.243	0.243	16.4	82	0 (1)
Rinsate	RB_9.13.24	24I0889-05	9/13/24	Bromodichloromethane	ug/l	0.245	0.245	1.2	6	0 (1)
				Chloroform	ug/l	0.243	0.243	15.1	75.5	0 (1)
Rinsate	RB_9.16.24	24I1005-12	9/16/24	Bromodichloromethane	ug/l	0.245	0.245	1.17	5.85	0 (1)
				Chloroform	ug/l	0.243	0.243	12.8	64	0 (1)
Method SW8270										
Rinsate	RB_8.26.24	24H1788-06	8/26/24	Naphthalene	ug/l	0.05	0.05	0.05	0.25	0 (1,2)
Rinsate	RB_8.29.24	24H2129-04	8/29/24	Naphthalene	ug/l	0.05	0.05	0.12	0.6	0 (3)
Rinsate	RB_8.30.24	24I0046-03	8/30/24	Naphthalene	ug/l	0.05	0.05	0.1	0.5	0 (3)
Rinsate	RB_9.9.24	24I0746-05	9/9/24	Fluoranthene	ug/l	0.05	0.05	0.05	0.25	0 (1,2)
				Naphthalene	ug/l	0.05	0.05	0.2	1	0 (1,2)
				Phenanthrene	ug/l	0.05	0.05	0.1	0.5	0 (1,2)
				Pyrene	ug/l	0.05	0.05	0.05	0.25	0 (1,2)
Rinsate	RB_9.12.24	24I0791-09	9/12/24	Naphthalene	ug/l	0.05	0.05	0.06	0.3	0 (3)
Rinsate	RB_9.13.24	24I0889-05	9/13/24	Naphthalene	ug/l	0.05	0.05	0.05	0.25	0 (3)
Rinsate	RB_9.16.24	24I1005-12	9/16/24	bis(2-Ethylhexyl)phthalate	ug/l	2.5	2.5	10.6	53	0 (1)

***Notes:**

1) Associated results were less than the MDL. No field cross-contamination apparent.

2) Associated results had higher levels of concentrations. No field cross-contamination apparent at levels that were consequential.

3) Associated results were had low level concentrations. Possible low level field cross contamination. Qualifiers were not required by

Table B-2. Field Duplicate Exceedances

Station	Sample/Dup Code	Sample Date	Parameter	Unit	Orig Result	Dup Result	RL	RPD or Diff	Flags
Method 6010D									
SB-15 (20-23)	SB-15 (20-23) & SB-DUP-3	9/12/24	Arsenic	mg/kg	15.7	10.3	1.1	41.5 RPD	2 J
SB-18 (2-5)	SB-18 (2-5)	9/10/24	Beryllium	mg/kg	0.724	1.36	0	61 RPD	0 (1)
	& SB-DUP-2		Chromium	mg/kg	15.8	5.59	0.5	95.5 RPD	2 J
			Copper	mg/kg	119	26.2	1.9	128 RPD	2 J
			Lead	mg/kg	68.8	9.28	0.5	153 RPD	2 J
			Nickel	mg/kg	66	6.41	0.9	165 RPD	0 (1)
			Selenium	mg/kg	13.8	6.52	2.4	7.28 DIFF	2 J
			Zinc	mg/kg	168	14.2	2.4	169 RPD	2 J
SB-35 (1-4)	SB-35 (1-4)	9/12/24	Arsenic	mg/kg	3.86	10.6	1.1	6.74 DIFF	1 J
	& SB-DUP-4		Beryllium	mg/kg	0.124	0.36	0	0.24 DIFF	2 J
			Chromium	mg/kg	6.22	15.4	0.4	84.9 RPD	2 J
			Copper	mg/kg	23.3	49.8	1.5	72.5 RPD	1 J
			Lead	mg/kg	5.86	67.5	0.4	168 RPD	1 J
			Nickel	mg/kg	10.7	32.7	0.7	101 RPD	2 J
			Zinc	mg/kg	29.7	102	1.8	110 RPD	2 J
Method 8260									
SB-15 (20-23)	SB-15 (20-23)	9/12/24	Isopropylbenzene	mg/kg	0.062	0.16	0	88.3 RPD	0 (1)
	& SB-DUP-3		Methylcyclohexane	mg/kg	0.025	0.041	0	48.5 RPD	1 J
			N-Butylbenzene	mg/kg	0.13	0.21	0	47.1 RPD	0 (1)
			N-Propylbenzene	mg/kg	0.12	0.28	0	80 RPD	0 (1)
			Sec-Butylbenzene	mg/kg	0.068	0.18	0	90 RPD	0 (1)
			T-Butylbenzene	mg/kg	0.0069	0.019	0	0.01 DIFF	1 J
Method 8270									
SB-15 (20-23)	SB-15 (20-23)	9/12/24	2-Methylnaphthalene	mg/kg	2.53	5.13	0	67.9 RPD	1 J (2)
	& SB-DUP-3		Acenaphthylene	mg/kg	0.224	<0.0451	0	0.18 DIFF	1 J; 1 UJ
			Dibenzofuran	mg/kg	0.54	<0.0451	0	0.49 DIFF	1 J; 1 UJ
			Naphthalene	mg/kg	0.195	<0.0451	0	0.15 DIFF	1 J (2)
SB-2 (0.5-4)	SB-2 (0.5-4)	8/26/24	Fluoranthene	mg/kg	0.555	0.265	0.1	0.29 DIFF	2 J
	& SB-DUP-1		Pyrene	mg/kg	0.405	0.202	0.1	0.2 DIFF	2 J
SB-35 (1-4)	SB-35 (1-4)	9/12/24	Benz(a)anthracene	mg/kg	0.181	<0.0446	0	0.14 DIFF	1 J; 1 UJ
	& SB-DUP-4		Benzo(a)pyrene	mg/kg	0.152	<0.0446	0	0.11 DIFF	1 J; 1 UJ
			Benzo(b)fluoranthene	mg/kg	0.136	<0.0446	0	0.09 DIFF	1 J; 1 UJ
			Benzo(k)fluoranthene	mg/kg	0.14	<0.0446	0	0.1 DIFF	1 J; 1 UJ
			Chrysene	mg/kg	0.189	<0.0446	0	0.14 DIFF	1 J; 1 UJ
			Fluoranthene	mg/kg	0.426	<0.0446	0	0.38 DIFF	1 J; 1 UJ
			Phenanthrene	mg/kg	0.373	<0.0446	0	0.33 DIFF	1 J; 1 UJ
			Pyrene	mg/kg	0.418	<0.0446	0	0.37 DIFF	1 J; 1 UJ

***Note:**

1) Associated sample results were already flagged for another QC exceedance.

2) One of the associated sample results was already flagged for another QC exceedance.

Table B-3. Non-Detected Results Where the Reporting Levels were Greater than the Project's Required Detection Limits

Station	Field ID	Lab ID	Sample Date	Parameter	Unit	Result (<MDL or RL)*	MDL*	Lab's RL*	PRDL*	Dilution Factor
Method SW8081B										
CS-1	CS-1	24I1005-05	9/16/24	Tech-Chlordane	mg/kg	0.0338	0.0338	0.0338	0.0017	5
CS-1	CS-1	24I1005-05	9/16/24	Toxaphene	mg/kg	0.169	0.169	0.169	0.034	5
CS-2	CS-2	24I1005-07	9/16/24	Tech-Chlordane	mg/kg	0.0334	0.0334	0.0334	0.0017	5
CS-2	CS-2	24I1005-07	9/16/24	Toxaphene	mg/kg	0.167	0.167	0.167	0.034	5
CS-3	CS-3	24I1005-09	9/16/24	Aldrin	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Alpha Endosulfan	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	cis-Chlordane	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Gamma Bhc (Lindane)	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Gamma-Chlordane	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Heptachlor	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Heptachlor Epoxide	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Tech-Chlordane	mg/kg	0.0366	0.0366	0.0366	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Toxaphene	mg/kg	0.183	0.183	0.183	0.034	5
CS-4	CS-4	24I1005-11	9/16/24	Tech-Chlordane	mg/kg	0.0329	0.0329	0.0329	0.0017	5
CS-4	CS-4	24I1005-11	9/16/24	Toxaphene	mg/kg	0.165	0.165	0.165	0.034	5
Method SW8260										
GS-1	GS-1	24I1005-04	9/16/24	Xylene (Total)	mg/kg	0.0081	0.0081	0.0081	0.005	1
GS-2	GS-2	24I1005-06	9/16/24	Xylene (Total)	mg/kg	0.0075	0.0075	0.0075	0.005	1
GS-3	GS-3	24I1005-08	9/16/24	Xylene (Total)	mg/kg	0.0069	0.0069	0.0069	0.005	1
GS-4	GS-4	24I1005-10	9/16/24	Xylene (Total)	mg/kg	0.0092	0.0092	0.0092	0.005	1
SB-1 (12-14)	SB-1 (12-14)	24H1788-01	8/26/24	Xylene (Total)	mg/kg	0.0056	0.0056	0.011	0.005	1
SB-10 (23-26)	SB-10 (23-26)	24I0746-11	9/10/24	Xylene (Total)	mg/kg	0.0064	0.0064	0.0064	0.005	1
SB-11 (20-23)	SB-11 (20-23)	24I0746-12	9/11/24	Methylene chloride	mg/kg	0.0052	0.0052	0.0052	0.005	1
SB-11 (20-23)	SB-11 (20-23)	24I0746-12	9/11/24	Xylene (Total)	mg/kg	0.0077	0.0077	0.0077	0.005	1
SB-12 (10-12)	SB-12 (10-12)	24I0791-04	9/12/24	Xylene (Total)	mg/kg	0.01	0.01	0.01	0.005	1
SB-13 (2-4)	SB-13 (2-4)	24I0791-07	9/12/24	Xylene (Total)	mg/kg	0.0089	0.0089	0.0089	0.005	1
SB-14 (12-15)	SB-14 (12-15)	24H2011-07	8/28/24	Methylene chloride	mg/kg	0.0051	0.0051	0.0051	0.005	1
SB-15 (20-23)	SB-15 (20-23)	24I0791-05	9/12/24	Xylene (Total)	mg/kg	0.008	0.008	0.008	0.005	1
SB-15 (20-23)	SB-DUP-3	24I0791-06	9/12/24	Xylene (Total)	mg/kg	0.0081	0.0081	0.0081	0.005	1
SB-16 (21-24)	SB-16 (21-24)	24I0791-03	9/12/24	Xylene (Total)	mg/kg	0.0088	0.0088	0.0088	0.005	1
SB-17 (25-28)	SB-17 (25-28)	24I0746-04	9/9/24	Xylene (Total)	mg/kg	0.0073	0.0073	0.0073	0.005	1
SB-2 (0.5-4)	SB-2 (0.5-4)	24H1788-02	8/26/24	Xylene (Total)	mg/kg	0.0063	0.0063	0.013	0.005	1
SB-2 (0.5-4)	SB-DUP-1	24H1788-03	8/26/24	Xylene (Total)	mg/kg	0.0073	0.0073	0.015	0.005	1
SB-22 (16-18)	SB-22 (16-18)	24H2011-04	8/27/24	Xylene (Total)	mg/kg	0.0067	0.0067	0.0067	0.005	1
SB-23 (18-21)	SB-23 (18-21)	24I0746-09	9/10/24	Xylene (Total)	mg/kg	0.0082	0.0082	0.0082	0.005	1
SB-24 (23-25)	SB-24 (23-25)	24H2011-06	8/28/24	Methylene chloride	mg/kg	0.0052	0.0052	0.0052	0.005	1
SB-24 (23-25)	SB-24 (23-25)	24H2011-06	8/28/24	Xylene (Total)	mg/kg	0.0078	0.0078	0.0078	0.005	1
SB-25 (1-3)	SB-25 (1-3)	24I0046-02	8/30/24	Xylene (Total)	mg/kg	0.0085	0.0085	0.0085	0.005	1
SB-26 (5-6)	SB-26 (5-6)	24I0221-03	9/3/24	Xylene (Total)	mg/kg	0.0072	0.0072	0.0072	0.005	1
SB-29 (1-4)	SB-29 (1-4)	24I0221-07	9/4/24	Methylene chloride	mg/kg	0.0054	0.0054	0.0054	0.005	1
SB-29 (1-4)	SB-29 (1-4)	24I0221-07	9/4/24	Xylene (Total)	mg/kg	0.0081	0.0081	0.0081	0.005	1
SB-3 (14-16)	SB-3 (14-16)	24H1788-04	8/26/24	Xylene (Total)	mg/kg	0.006	0.006	0.012	0.005	1
SB-30 (4-6)	SB-30 (4-6)	24I0221-01	9/3/24	Xylene (Total)	mg/kg	0.0088	0.0088	0.0088	0.005	1
SB-35 (1-4)	SB-35 (1-4)	24I0791-01	9/12/24	Xylene (Total)	mg/kg	0.0078	0.0078	0.0078	0.005	1
SB-35 (1-4)	SB-DUP-4	24I0791-02	9/12/24	Xylene (Total)	mg/kg	0.0079	0.0079	0.0079	0.005	1
SB-36 (3-5)	SB-36 (3-5)	24I0791-08	9/12/24	Xylene (Total)	mg/kg	0.0082	0.0082	0.0082	0.005	1

Table B-3. Non-Detected Results Where the Reporting Levels were Greater than the Project's Required Detection Limits

Station	Field ID	Lab ID	Sample Date	Parameter	Unit	Result (<MDL or RL)*	MDL*	Lab's RL*	PRDL*	Dilution Factor
SB-37 (2.5-3.5)	SB-37 (2.5-3.5)	24I1005-02	9/16/24	Xylene (Total)	mg/kg	0.0092	0.0092	0.0092	0.005	1
SB-38 (3-5)	SB-38 (3-5)	24I1005-03	9/16/24	Xylene (Total)	mg/kg	0.01	0.01	0.01	0.005	1
SB-39 (1.5-3.5)	SB-39 (1.5-3.5)	24I1005-01	9/16/24	Xylene (Total)	mg/kg	0.011	0.011	0.011	0.005	1
SB-4 (0.5-2.5)	SB-4 (0.5-2.5)	24H2011-03	8/27/24	Xylene (Total)	mg/kg	0.0075	0.0075	0.0075	0.005	1
SB-40 (22-24)	SB-40 (22-24)	24I0889-02	9/13/24	Xylene (Total)	mg/kg	0.0072	0.0072	0.0072	0.005	1
SB-41 (5-9)	SB-41 (5-9)	24I0889-03	9/13/24	Xylene (Total)	mg/kg	0.01	0.01	0.01	0.005	1
SB-42 (20-23)	SB-42 (20-23)	24I0046-01	8/30/24	Methylene chloride	mg/kg	0.0051	0.0051	0.0051	0.005	1
SB-42 (20-23)	SB-42 (20-23)	24I0046-01	8/30/24	Xylene (Total)	mg/kg	0.0077	0.0077	0.0077	0.005	1
SB-43 (13-15)	SB-43 (13-15)	24I0889-04	9/13/24	Xylene (Total)	mg/kg	0.0075	0.0075	0.0075	0.005	1
SB-45 (28-30)	SB-45 (28-30)	24H2129-02	8/29/24	Xylene (Total)	mg/kg	0.0075	0.0075	0.0075	0.005	1
SB-46 (20-23)	SB-46 (20-23)	24H2129-03	8/29/24	Xylene (Total)	mg/kg	0.0065	0.0065	0.0065	0.005	1
SB-48 (28-31)	SB-48 (28-31)	24I0294-02	9/5/24	Methylene chloride	mg/kg	0.0058	0.0058	0.0058	0.005	1
SB-48 (28-31)	SB-48 (28-31)	24I0294-02	9/5/24	Xylene (Total)	mg/kg	0.0088	0.0088	0.0088	0.005	1
SB-49 (27-30)	SB-49 (27-30)	24I0294-01	9/5/24	Methylene chloride	mg/kg	0.0061	0.0061	0.0061	0.005	1
SB-49 (27-30)	SB-49 (27-30)	24I0294-01	9/5/24	Xylene (Total)	mg/kg	0.0092	0.0092	0.0092	0.005	1
SB-5 (17.5-20)	SB-5 (17.5-20)	24H1788-05	8/26/24	Xylene (Total)	mg/kg	0.0061	0.0061	0.012	0.005	1
SB-51 (10-13)	SB-51 (10-13)	24I0294-04	9/5/24	Methylene chloride	mg/kg	0.0053	0.0053	0.0053	0.005	1
SB-51 (10-13)	SB-51 (10-13)	24I0294-04	9/5/24	Xylene (Total)	mg/kg	0.0079	0.0079	0.0079	0.005	1
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Methylene chloride	mg/kg	0.0054	0.0054	0.0054	0.005	1
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Xylene (Total)	mg/kg	0.0081	0.0081	0.0081	0.005	1
SB-52 (25-27)	SB-52 (25-27)	24I0046-04	8/30/24	Xylene (Total)	mg/kg	0.0065	0.0065	0.0065	0.005	1
SB-60 (3-6)	SB-60 (3-6)	24I0221-02	9/3/24	Methylene chloride	mg/kg	0.0061	0.0061	0.0061	0.005	1
SB-60 (3-6)	SB-60 (3-6)	24I0221-02	9/3/24	Xylene (Total)	mg/kg	0.0092	0.0092	0.0092	0.005	1
SB-61 (2-5)	SB-61 (2-5)	24I0221-05	9/4/24	Methylene chloride	mg/kg	0.0058	0.0058	0.0058	0.005	1
SB-61 (2-5)	SB-61 (2-5)	24I0221-05	9/4/24	Xylene (Total)	mg/kg	0.0087	0.0087	0.0087	0.005	1
SB-62 (2-5)	SB-62 (2-5)	24I0746-01	9/9/24	Xylene (Total)	mg/kg	0.01	0.01	0.01	0.005	1
SB-63 (10-12)	SB-63 (10-12)	24I0746-03	9/9/24	Methylene chloride	mg/kg	0.0059	0.0059	0.0059	0.005	1
SB-63 (10-12)	SB-63 (10-12)	24I0746-03	9/9/24	Xylene (Total)	mg/kg	0.0089	0.0089	0.0089	0.005	1
SB-7 (15-18)	SB-7 (15-18)	24H2011-02	8/27/24	Xylene (Total)	mg/kg	0.0068	0.0068	0.0068	0.005	1
SB-9 (17-20)	SB-9 (17-20)	24I0746-10	9/10/24	Xylene (Total)	mg/kg	0.0058	0.0058	0.0058	0.005	1
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SB-11 (20-23)	SB-11 (20-23)	24I0746-12	9/11/24	Caprolactam	mg/kg	0.175	0.175	0.175	0.17	2
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2,4,6-Trichlorophenol	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2,4-Dichlorophenol	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2,4-Dimethylphenol	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2,4-Dinitrophenol	mg/kg	0.437	0.437	0.437	0.33	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2,4-Dinitrotoluene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2,6-Dinitrotoluene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2-Chloronaphthalene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2-Chlorophenol	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2-Methylnaphthalene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2-Methylphenol	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2-Nitroaniline	mg/kg	0.437	0.437	0.437	0.33	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2-Nitrophenol	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	3,3'-Dichlorobenzidine	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	3-Nitroaniline	mg/kg	0.437	0.437	0.437	0.33	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	4,6-Dinitro-2-methylphenol	mg/kg	0.437	0.437	0.437	0.33	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	4-Bromophenyl-phenylether	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	4-Chloroaniline	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	4-Chlorophenyl-phenylether	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	4-Nitroaniline	mg/kg	0.437	0.437	0.437	0.33	10

Table B-3. Non-Detected Results Where the Reporting Levels were Greater than the Project's Required Detection Limits

Station	Field ID	Lab ID	Sample Date	Parameter	Unit	Result (<MDL or RL)*	MDL*	Lab's RL*	PRDL*	Dilution Factor
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	4-Nitrophenol	mg/kg	0.437	0.437	0.437	0.33	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Acenaphthene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Acetophenone	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Anthracene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Atrazine	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Benzaldehyde	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Biphenyl (Diphenyl or 1,1'-Biphenyl)	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	bis(2-Chloroethoxy)methane	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	bis(2-Chloroethyl)ether	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	bis(2-Chloroisopropyl)ether	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	bis(2-Ethylhexyl)phthalate	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Butyl benzyl phthalate	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Caprolactam	mg/kg	0.437	0.437	0.437	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Carbazole	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Dibenz(a,h)anthracene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Dibenzofuran	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Diethylphthalate	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Dimethyl phthalate	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Di-N-Butyl phthalate	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Di-N-Octyl phthalate	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Fluorene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Hexachlorobenzene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Hexachlorobutadiene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Hexachlorocyclopentadiene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Hexachloroethane	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Isophorone	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Naphthalene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Nitrobenzene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	N-Nitroso-di-N-propylamine	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	N-Nitrosodiphenylamine	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	p-Chloro-m-cresol	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Phenanthrene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Phenol	mg/kg	0.219	0.219	0.219	0.17	10
SB-34 (25-27)	SB-34 (25-27)	24I0746-14	9/11/24	Caprolactam	mg/kg	0.178	0.178	0.178	0.17	2

***Notes:** RL = Reporting Limit; MDL = Method Detection Limit; PRDL = Project Required Reporting Limit (HRP Generic QAPP, 2019); NA = Not Applicable. Pesticides were reported to the laboratory's RL and not the MDL.

Table B-4. Summary of Detected Results That Were Less Than the Reporting Limit

Station	Field ID	Lab ID	Sample Date	Parameter	Unit	Result	RL	MDL	Flag
Method SW8260									
Rinsate Blank	RB_8.26.24	24H1788-06	8/26/24	trans-1,3-Dichloropropene	ug/l	0.32	0.5	0.229	J
SB-1 (12-14)	SB-1 (12-14)	24H1788-01	8/26/24	Methylene chloride	mg/kg	0.0061	0.008	0.0037	J
SB-14 (12-15)	SB-14 (12-15)	24H2011-07	8/28/24	Trichloroethene	mg/kg	0.0046	0.003	0.0026	0 *
SB-15 (20-23)	SB-15 (20-23)	24I0791-05	9/12/24	Methylene chloride	mg/kg	0.0078	0.005	0.0053	0 *
SB-15 (20-23)	SB-DUP-3	24I0791-06	9/12/24	Cyclohexane	mg/kg	0.0033	0.003	0.0027	J
SB-15 (20-23)	SB-DUP-3	24I0791-06	9/12/24	Methylene chloride	mg/kg	0.0094	0.005	0.0054	0 *
SB-2 (0.5-4)	SB-2 (0.5-4)	24H1788-02	8/26/24	Acetone	mg/kg	0.0057	0.008	0.0042	0 *
SB-2 (0.5-4)	SB-2 (0.5-4)	24H1788-02	8/26/24	Methylene chloride	mg/kg	0.0083	0.008	0.0042	J
SB-24 (23-25)	SB-24 (23-25)	24H2011-06	8/28/24	Ethylbenzene	mg/kg	0.0028	0.003	0.0026	0 *
SB-24 (23-25)	SB-24 (23-25)	24H2011-06	8/28/24	m,p-Xylene	mg/kg	0.0061	0.005	0.0052	0 *
SB-25 (1-3)	SB-25 (1-3)	24I0046-02	8/30/24	Acetone	mg/kg	0.0085	0.006	0.0057	0 *
SB-25 (1-3)	SB-25 (1-3)	24I0046-02	8/30/24	Methylene chloride	mg/kg	0.0081	0.006	0.0057	J
SB-3 (14-16)	SB-3 (14-16)	24H1788-04	8/26/24	Methyl Ethyl Ketone (2-Butanone)	mg/kg	0.0026	0.004	0.002	J
SB-3 (14-16)	SB-3 (14-16)	24H1788-04	8/26/24	Methylene chloride	mg/kg	0.0072	0.008	0.004	J
SB-3 (14-16)	SB-3 (14-16)	24H1788-04	8/26/24	N-Butylbenzene	mg/kg	0.0027	0.004	0.002	J
SB-30 (4-6)	SB-30 (4-6)	24I0221-01	9/3/24	Acetone	mg/kg	0.0082	0.006	0.0059	0 *
SB-30 (4-6)	SB-30 (4-6)	24I0221-01	9/3/24	Trichloroethene	mg/kg	0.0034	0.003	0.0029	J
SB-35 (1-4)	SB-DUP-4	24I0791-02	9/12/24	Acetone	mg/kg	0.0084	0.005	0.0053	0 *
SB-35 (1-4)	SB-DUP-4	24I0791-02	9/12/24	Methylene chloride	mg/kg	0.01	0.005	0.0053	0 *
SB-39 (1.5-3.5)	SB-39 (1.5-3.5)	24I1005-01	9/16/24	1,2,3-Trichlorobenzene	mg/kg	0.004	0.004	0.0037	0 *
SB-39 (1.5-3.5)	SB-39 (1.5-3.5)	24I1005-01	9/16/24	1,2,4-Trichlorobenzene	mg/kg	0.0038	0.004	0.0037	0 *
SB-4 (0.5-2.5)	SB-4 (0.5-2.5)	24H2011-03	8/27/24	Trichloroethene	mg/kg	0.0034	0.003	0.0025	0 *
SB-40 (22-24)	SB-40 (22-24)	24I0889-02	9/13/24	Methyl Ethyl Ketone (2-Butanone)	mg/kg	0.0033	0.002	0.0024	J
SB-40 (22-24)	SB-40 (22-24)	24I0889-02	9/13/24	T-Butylbenzene	mg/kg	0.0028	0.002	0.0024	J
SB-42 (20-23)	SB-42 (20-23)	24I0046-01	8/30/24	1,2,4-Trimethylbenzene	mg/kg	0.0046	0.003	0.0026	0 *
SB-42 (20-23)	SB-42 (20-23)	24I0046-01	8/30/24	Sec-Butylbenzene	mg/kg	0.0039	0.003	0.0026	0 *
SB-44 (22-25)	SB-44 (22-25)	24I0889-01	9/13/24	m,p-Xylene	mg/kg	0.0072	0.005	0.0046	J
SB-44 (22-25)	SB-44 (22-25)	24I0889-01	9/13/24	Xylene (Total)	mg/kg	0.0088	0.007	0.0069	J
SB-45 (28-30)	SB-45 (28-30)	24H2129-02	8/29/24	Methylene chloride	mg/kg	0.0051	0.005	0.005	J
SB-45 (28-30)	SB-45 (28-30)	24H2129-02	8/29/24	Trichloroethene	mg/kg	0.0038	0.003	0.0025	J
SB-46 (20-23)	SB-46 (20-23)	24H2129-03	8/29/24	Methyl Ethyl Ketone (2-Butanone)	mg/kg	0.0032	0.002	0.0022	0 *
SB-47 (25-27)	SB-47 (25-27)	24H2129-01	8/29/24	Benzene	mg/kg	0.0023	0.002	0.002	0 *
SB-48 (28-31)	SB-48 (28-31)	24I0294-02	9/5/24	Sec-Butylbenzene	mg/kg	0.0045	0.003	0.0029	J
SB-5 (17.5-20)	SB-5 (17.5-20)	24H1788-05	8/26/24	Acetone	mg/kg	0.0078	0.008	0.004	0 *
SB-5 (17.5-20)	SB-5 (17.5-20)	24H1788-05	8/26/24	Isopropylbenzene (Cumene)	mg/kg	0.0023	0.004	0.002	J
SB-5 (17.5-20)	SB-5 (17.5-20)	24H1788-05	8/26/24	N-Propylbenzene	mg/kg	0.0022	0.004	0.002	J
SB-6 (21-23)	SB-6 (21-23)	24H2011-05	8/27/24	Chlorobenzene	mg/kg	0.0023	0.002	0.0021	0 *
SB-6 (21-23)	SB-6 (21-23)	24H2011-05	8/27/24	Ethylbenzene	mg/kg	0.0025	0.002	0.0021	0 *
SB-6 (21-23)	SB-6 (21-23)	24H2011-05	8/27/24	m,p-Xylene	mg/kg	0.0056	0.004	0.0041	0 *
SB-6 (21-23)	SB-6 (21-23)	24H2011-05	8/27/24	Xylene (Total)	mg/kg	0.0072	0.006	0.0062	0 *
SB-7 (15-18)	SB-7 (15-18)	24H2011-02	8/27/24	1,2-Dibromo-3-chloropropane	mg/kg	0.0039	0.002	0.0023	J
SB-7 (15-18)	SB-7 (15-18)	24H2011-02	8/27/24	Methyl Ethyl Ketone (2-Butanone)	mg/kg	0.0027	0.002	0.0023	J
SB-8 (25-28)	SB-8 (25-28)	24H2011-01	8/27/24	Ethylbenzene	mg/kg	0.0032	0.002	0.0023	0 *
				Methylcyclohexane	mg/kg	0.0028	0.002	0.0023	J

Table B-4. Summary of Detected Results That Were Less Than the Reporting Limit

Station	Field ID	Lab ID	Sample Date	Parameter	Unit	Result	RL	MDL	Flag
Method SW8270									
CS-1	CS-1	24I1005-05	9/16/24	Acenaphthylene	mg/kg	0.0604	0.043	0.0431	0 *
CS-1	CS-1	24I1005-05	9/16/24	Anthracene	mg/kg	0.0742	0.043	0.0431	J
CS-1	CS-1	24I1005-05	9/16/24	Benzo(a)pyrene	mg/kg	0.0707	0.043	0.0431	J
CS-2	CS-2	24I1005-07	9/16/24	Fluorene	mg/kg	0.0462	0.043	0.0426	J
CS-3	CS-3	24I1005-09	9/16/24	Acenaphthylene	mg/kg	0.0528	0.047	0.0466	0 *
CS-3	CS-3	24I1005-09	9/16/24	Carbazole	mg/kg	0.0484	0.047	0.0466	J
CS-4	CS-4	24I1005-11	9/16/24	Acenaphthene	mg/kg	0.0449	0.042	0.042	J
CS-4	CS-4	24I1005-11	9/16/24	Dibenz(a,h)anthracene	mg/kg	0.061	0.042	0.042	J
SB-11 (20-23)	SB-11 (20-23)	24I0746-12	9/11/24	Fluorene	mg/kg	0.11	0.088	0.0877	J
SB-11 (20-23)	SB-11 (20-23)	24I0746-12	9/11/24	Phenanthrene	mg/kg	0.15	0.088	0.0877	J
SB-12 (10-12)	SB-12 (10-12)	24I0791-04	9/12/24	Fluoranthene	mg/kg	0.07	0.052	0.0523	J
SB-12 (10-12)	SB-12 (10-12)	24I0791-04	9/12/24	Fluorene	mg/kg	0.065	0.052	0.0523	J
SB-12 (10-12)	SB-12 (10-12)	24I0791-04	9/12/24	Pyrene	mg/kg	0.0892	0.052	0.0523	J
SB-13 (2-4)	SB-13 (2-4)	24I0791-07	9/12/24	Acenaphthene	mg/kg	0.0804	0.048	0.0476	J
SB-13 (2-4)	SB-13 (2-4)	24I0791-07	9/12/24	Acenaphthylene	mg/kg	0.088	0.048	0.0476	J
SB-13 (2-4)	SB-13 (2-4)	24I0791-07	9/12/24	Fluorene	mg/kg	0.0903	0.048	0.0476	J
SB-14 (12-15)	SB-14 (12-15)	24H2011-07	8/28/24	Naphthalene	mg/kg	0.0642	0.045	0.0447	J
SB-15 (20-23)	SB-15 (20-23)	24I0791-05	9/12/24	Chrysene	mg/kg	0.0577	0.044	0.0441	J
SB-15 (20-23)	SB-15 (20-23)	24I0791-05	9/12/24	Fluoranthene	mg/kg	0.0443	0.044	0.0441	J
SB-15 (20-23)	SB-DUP-3	24I0791-06	9/12/24	Benz(a)anthracene	mg/kg	0.0497	0.045	0.0451	J
SB-15 (20-23)	SB-DUP-3	24I0791-06	9/12/24	Fluoranthene	mg/kg	0.0576	0.045	0.0451	J
SB-16 (21-24)	SB-16 (21-24)	24I0791-03	9/12/24	Fluorene	mg/kg	0.065	0.048	0.048	J
SB-18 (2-5)	SB-18 (2-5)	24I0746-07	9/10/24	Phenanthrene	mg/kg	0.0679	0.055	0.0553	J
SB-2 (0.5-4)	SB-DUP-1	24H1788-03	8/26/24	Benzo(g,h,i)perylene	mg/kg	0.0838	0.097	0.0486	J
SB-2 (0.5-4)	SB-DUP-1	24H1788-03	8/26/24	Benzo(k)fluoranthene	mg/kg	0.0605	0.097	0.0486	J
SB-2 (0.5-4)	SB-DUP-1	24H1788-03	8/26/24	Indeno(1,2,3-cd)pyrene	mg/kg	0.0946	0.097	0.0486	J
SB-20 (1-2.5)	SB-20 (1-2.5)	24I0294-05	9/5/24	Acenaphthylene	mg/kg	0.0564	0.046	0.046	J
SB-20 (1-2.5)	SB-20 (1-2.5)	24I0294-05	9/5/24	Anthracene	mg/kg	0.0748	0.046	0.046	J
SB-20 (1-2.5)	SB-20 (1-2.5)	24I0294-05	9/5/24	Dibenz(a,h)anthracene	mg/kg	0.0572	0.046	0.046	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Benz(a)anthracene	mg/kg	0.227	0.219	0.219	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Benzo(a)pyrene	mg/kg	0.391	0.219	0.219	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Benzo(b)fluoranthene	mg/kg	0.325	0.219	0.219	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Benzo(g,h,i)perylene	mg/kg	0.402	0.219	0.219	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Benzo(k)fluoranthene	mg/kg	0.22	0.219	0.219	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Chrysene	mg/kg	0.325	0.219	0.219	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Fluoranthene	mg/kg	0.259	0.219	0.219	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Indeno(1,2,3-cd)pyrene	mg/kg	0.308	0.219	0.219	J
SB-24 (23-25)	SB-24 (23-25)	24H2011-06	8/28/24	Acetophenone	mg/kg	0.0533	0.045	0.0445	J
SB-24 (23-25)	SB-24 (23-25)	24H2011-06	8/28/24	Pyrene	mg/kg	0.0739	0.045	0.0445	0 *
SB-25 (1-3)	SB-25 (1-3)	24I0046-02	8/30/24	2-Methylnaphthalene	mg/kg	0.061	0.05	0.0497	J
SB-25 (1-3)	SB-25 (1-3)	24I0046-02	8/30/24	Naphthalene	mg/kg	0.0689	0.05	0.0497	J
SB-29 (1-4)	SB-29 (1-4)	24I0221-07	9/4/24	Acenaphthene	mg/kg	0.0685	0.044	0.0443	J
SB-29 (1-4)	SB-29 (1-4)	24I0221-07	9/4/24	Acenaphthylene	mg/kg	0.0452	0.044	0.0443	J
SB-29 (1-4)	SB-29 (1-4)	24I0221-07	9/4/24	Fluorene	mg/kg	0.0812	0.044	0.0443	J
SB-30 (4-6)	SB-30 (4-6)	24I0221-01	9/3/24	Acenaphthylene	mg/kg	0.058	0.049	0.0492	J
SB-32 (10-12)	SB-32 (10-12)	24I0746-13	9/11/24	Fluoranthene	mg/kg	0.0741	0.046	0.046	J
SB-32 (10-12)	SB-32 (10-12)	24I0746-13	9/11/24	Pyrene	mg/kg	0.055	0.046	0.046	J
SB-35 (1-4)	SB-35 (1-4)	24I0791-01	9/12/24	Anthracene	mg/kg	0.0783	0.044	0.0438	J
SB-36 (3-5)	SB-36 (3-5)	24I0791-08	9/12/24	Benz(a)anthracene	mg/kg	0.083	0.046	0.0457	J
SB-36 (3-5)	SB-36 (3-5)	24I0791-08	9/12/24	Benzo(a)pyrene	mg/kg	0.0706	0.046	0.0457	J
SB-36 (3-5)	SB-36 (3-5)	24I0791-08	9/12/24	Benzo(b)fluoranthene	mg/kg	0.0553	0.046	0.0457	J
SB-36 (3-5)	SB-36 (3-5)	24I0791-08	9/12/24	Benzo(k)fluoranthene	mg/kg	0.0583	0.046	0.0457	J
SB-36 (3-5)	SB-36 (3-5)	24I0791-08	9/12/24	Chrysene	mg/kg	0.0772	0.046	0.0457	J
SB-38 (3-5)	SB-38 (3-5)	24I1005-03	9/16/24	Anthracene	mg/kg	0.0778	0.05	0.0503	J

Table B-4. Summary of Detected Results That Were Less Than the Reporting Limit

Station	Field ID	Lab ID	Sample Date	Parameter	Unit	Result	RL	MDL	Flag
SB-39 (1.5-3.5)	SB-39 (1.5-3.5)	24I1005-01	9/16/24	Anthracene	mg/kg	0.0818	0.058	0.0576	J
SB-39 (1.5-3.5)	SB-39 (1.5-3.5)	24I1005-01	9/16/24	Benzo(g,h,i)perylene	mg/kg	0.105	0.058	0.0576	J
SB-39 (1.5-3.5)	SB-39 (1.5-3.5)	24I1005-01	9/16/24	Indeno(1,2,3-cd)pyrene	mg/kg	0.108	0.058	0.0576	J
SB-4 (0.5-2.5)	SB-4 (0.5-2.5)	24H2011-03	8/27/24	Dibenz(a,h)anthracene	mg/kg	0.057	0.053	0.0533	J
SB-41 (5-9)	SB-41 (5-9)	24I0889-03	9/13/24	2-Methylnaphthalene	mg/kg	0.088	0.048	0.0484	J
SB-41 (5-9)	SB-41 (5-9)	24I0889-03	9/13/24	Dibenz(a,h)anthracene	mg/kg	0.0772	0.048	0.0484	J
SB-43 (13-15)	SB-43 (13-15)	24I0889-04	9/13/24	2-Methylnaphthalene	mg/kg	0.0483	0.048	0.0481	J
SB-5 (17.5-20)	SB-5 (17.5-20)	24H1788-05	8/26/24	Anthracene	mg/kg	0.072	0.088	0.0439	J
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Acenaphthylene	mg/kg	0.0686	0.045	0.0453	J
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Anthracene	mg/kg	0.0455	0.045	0.0453	J
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Benz(a)anthracene	mg/kg	0.0816	0.045	0.0453	J
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Benzo(a)pyrene	mg/kg	0.0895	0.045	0.0453	J
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Benzo(b)fluoranthene	mg/kg	0.0758	0.045	0.0453	J
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Benzo(k)fluoranthene	mg/kg	0.0693	0.045	0.0453	J
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Chrysene	mg/kg	0.0859	0.045	0.0453	J
SB-61 (2-5)	SB-61 (2-5)	24I0221-05	9/4/24	Naphthalene	mg/kg	0.0589	0.047	0.0473	J
SB-62 (2-5)	SB-62 (2-5)	24I0746-01	9/9/24	bis(2-Ethylhexyl)phthalate	mg/kg	0.0535	0.046	0.046	J
SB-7 (15-18)	SB-7 (15-18)	24H2011-02	8/27/24	Carbazole	mg/kg	0.0849	0.044	0.0444	J
SB-7 (15-18)	SB-7 (15-18)	24H2011-02	8/27/24	Fluoranthene	mg/kg	0.0531	0.044	0.0444	J
SB-8 (25-28)	SB-8 (25-28)	24H2011-01	8/27/24	Benzo(g,h,i)perylene	mg/kg	0.0655	0.047	0.0472	J
SB-8 (25-28)	SB-8 (25-28)	24H2011-01	8/27/24	Indeno(1,2,3-cd)pyrene	mg/kg	0.0715	0.047	0.0472	J

***Notes:** Result was already qualified for another QC exceedance.

Table B-5. Calibration Exceedances

SDG	Calibration ID	Analysis Date	Parameter	RSD%	RSD Limit	# of Flags
Method SW8260						
24H2011, 24H2129	SH40046	8/19/24	Tert-Butyl alcohol	79.6	0.99	0 (1)
24I0791, 24I0889, 24I1005	SI40032	9/22/24	Methylene chloride	66.5	20	11 J
SI40889	SI40033	9/20/24	Bromomethane	141	20	0 (1)
			Chloroethane	39.3	20	0 (1)
Method SW8270						
4H2011, 24H2129, 24I0046, 24I02	SH40029	8/2/24	Benzo(k)fluoroanthene	21.6	20	0 (1)
			Pentachlorophenol	40	20	0 (1)
24I0046, 24I0221, 24I0294, 24I07	SF40034	6/25/24	2,4-Dinitrophenol	32	20	0 (1)
			2,4-Dinitrotoluene	21.7	20	0 (1)
			4,6-Dinitro-2-methylphenol	36.5	20	0 (1)
			Benzoic Acid	22.7	20	0 (1)
24H2011	SG40032	7/12/24	2,4-Dinitrotoluene	30.1	20	0 (1)
			4,6-Dinitro-2-methylphenol	20.9	20	0 (1)
24H2011, 24H2129, 24I0046, 24I0294, 24I0746	SG40034	7/17/24	2,4-Dinitrophenol	49.6	20	0 (1)
			2,4-Dinitrotoluene	20.4	20	0 (1)
			4,6-Dinitro-2-methylphenol	34	20	0 (1)
			Benzoic Acid	30.1	20	0 (1)
			Pentachlorophenol	28.7	20	0 (1)
24H2129	SG40046	7/26/24	2,4-Dinitrotoluene	29.1	20	0 (1)
			4,6-Dinitro-2-methylphenol	26.7	20	0 (1)
24I0046, 24I0046, 24I0221	SH40058	8/20/24	2,4-Dinitrophenol	20.7	20	0 (1)
			Caprolactam	39.2	20	0 (1)
24I0221	SD40052	4/25/24	2,4-Dinitrophenol	26.7	20	0 (1)
			4,6-Dinitro-2-methylphenol	30.7	20	0 (1)
			4-Nitrophenol	87.8	20	0 (1)
			Benzoic Acid	28.2	20	0 (1)
24I0294, 24I0746	SG40005	6/27/24	2,4-Dinitrophenol	34.9	20	0 (1)
			4,6-Dinitro-2-methylphenol	35.5	20	0 (1)
			4-Nitrophenol	40.4	20	0 (1)
			Benzoic Acid	23.5	20	0 (1)
24I0746, 24I1005	SI40026	9/17/24	4,6-Dinitro-2-methylphenol	27.2	20	0 (1)
			Benzidine	26.1	20	0 (1)
			Benzoic Acid	36.7	20	0 (1)
			Pentachlorophenol	26.5	20	0 (1)
24I0791, 24I0889, 24I1005	SI40014	9/10/24	2,4-Dinitrophenol	46.5	20	0 (1)
			4,6-Dinitro-2-methylphenol	39.9	20	0 (1)
24I0791	SI40045	9/27/24	2,4-Dinitrophenol	27.1	20	0 (1)
			4,6-Dinitro-2-methylphenol	28.8	20	0 (1)
			Benzidine	20.6	20	0 (1)
			Benzoic Acid	24.1	20	0 (1)
			Pyridine	24	20	0 (1)
24I1005	SG40005	6/24/24	2,4-Dinitrophenol	34.9	20	0 (1)
			4,6-Dinitro-2-methylphenol	35.5	20	0 (1)
			4-Nitrophenol	40.4	20	0 (1)
			Benzoic Acid	23.5	20	0 (1)
			Pentachlorophenol	24.7	20	0 (1)

1) Associated results were reported as non-detected.

Table B-6. Initial Calibration Verification Exceedances (Organic)

SDG	Calibration ID	Analysis Date	Parameter	Diff%	Diff% QC Limit	# of Flags
Method 8260						
24H1788, 24H2011,24H2129, 24I0046, 24I0221, 24I0294	S4H2822-SCV1	8/2/24	Acetone	133	30	0*
			Acrolein	75.3	30	0*
24H2011, 24H2129, 24I0046, 24I0294	S4H3011-SCV1	8/28/24	Acetone	95.6	30	0*
			Acrolein	74.9	30	0*
			Tetrachloroethylene	44	30	0*
24H2129, 24I0046, 24I0221	S4H1651-SCV1	9/3/24	Acetone	89.9	30	0*
			Acrolein	53.8	30	0*
24I0221	S4I0416-SCV1	9/3/24	Acetone	135	30	0*
			Acrolein	86	30	0*
24I0746	S4I1713-SCV1	9/20/24	Acetone	94.6	30	0*
			Acrolein	52.5	30	0*
24I0746	S4I2046-SCV1	9/18/24	Acetone	150	30	0*
			Acrolein	67.4	30	0*
			Dichlorodifluoromethane	30.4	30	0*
24I0791, 24I0889, 24I1005	S412347-SCV1	9/22/24	1,4-Dioxane	82.5	30	0*
			Acetone	95.4	30	0*
			Acrolein	94.8	30	0*
24I0791, S4I0889	S412431-SCV1	9/23/24	1,4-Dioxane	47.6	30	0*
			2-Hexanone	34.5	30	0*
			Acetone	61.6	30	0*
			Acrolein	65.6	30	0*
			Methyl acetate	34.5	30	0*
			Tetrachloroethylene	49.7	30	0*
S4I0889	S412316-SCV1	9/20/24	Bromomethane	53.3	30	0*
S4I0889	S412420-SCV1	9/23/24	1,2,4-Trimethylbenzene	33.3	30	0*
			1,4-Dioxane	65.3	30	0*
			Acetone	95.8	30	0*
			Acrolein	91.2	30	0*
			n-Butylbenzene	55.1	30	0*
S4I1005	SI12318-SCV1	9/22/23	1,4-Dioxane	82.7	30	0*
			Acetone	139	30	0*
			Acrolein	388	30	0*
			Bromomethane	44.8	30	0*
			Tetrachloroethylene	52.4	30	0*
Method SW8270						
24H1788, 24H2011, 24H2129, 24I0221, 24I0294	S4H1344-SCV1	8/2/24	Hexachlorobenzene	86	30	0*
			Nitrobenzene	49	30	0*
			Pentachlorophenol	46	30	0*
24H1788, 24H2011,24H2129, 24I0046, 24I0221, 24I0294, 24I0746, 24I0791, 24I0889,	S4F2609-SCV1	6/25/24	2,4-Dimethylphenol	35.7	30	0*
			Aniline	31.9	30	0*
			Hexchlorocyclopentadiene	61.1	30	0*
24H2129,24I0046	S4G1809-SCV1	7/17/24	2,4-Dimethylphenol	32.5	30	0*
			2,4-Dinitrophenol	57.7	30	0*
			4,6-Dinitro-2-methylphenol	38.1	30	0*
			Hexachlorocyclopentadiene	50.4	30	0*
24H2129, 24I0046, 24I0746	S4G1809-SCV2	7/17/24	Benzidine	42.8	30	0*

Table B-6. Initial Calibration Verification Exceedances (Organic)

SDG	Calibration ID	Analysis Date	Parameter	Diff%	Diff% QC Limit	# of Flags
24H2129	S4G2906-SCV1	7/26/24	2,4-Dimethylphenol	34.5	30	0 *
			2,4-Dinitrophenol	50.3	30	0 *
			3-Nitroaniline	38.5	30	0 *
			4,6-Dinitro-2-methylphenol	40.7	30	0 *
			3,3-Dichlorobenzidine	40.8	30	0 *
			Benzidine	91.6	30	0 *
			Hexchlorocyclopentadiene	0	30	0 *
24I0046, 24I0221	S4H2615-SCV1	8/20/24	2,4-Dinitrophenol	34.1	30	0 *
			Hexchlorocyclopentadiene	56.2	30	0 *
24I0221	S4D2935-SCV1	9/10/24	2,4-Dimethylphenol	33.3	30	0 *
			4,6-Dinitro-2-methylphenol	50.9	30	0 *
			4-Nitrophenol	98.3	30	0 *
			Hexachlorocyclopentadiene	46.3	30	0 *
24I0746	S4I1839-SCV2	9/17/24	1,2,4,5-Tetrachlorobenzene	44.6	30	0 *
			3,3-Dichlorobenzidine	48.3	30	0 *
			Acetophenone	36.6	30	0 *
			Atrazine	43.3	30	0 *
			Benzaldehyde	40.4	30	0 *
			Benzidine	35.7	30	0 *
			Caprolactam	34.5	30	0 *
24I0746, 24I00889, 24I1005	S4I1315-SCV1	9/19/2024	Bis(2-ethylhexyl)phthalate	52	30	0 *
			Hexachlorobenzene	70	30	0 *
			Hexachlorobutadiene	56.4	30	0 *
			Hexachloroethane	55.6	30	0 *
			Nitrobenzene	78.8	30	0 *
			N-Nitrosodimethylamine	60	30	0 *
			Pentachlorophenol	36.7	30	0 *
24I0791, 24I0889, 24I1005	S4I1208-SCV1	9/10/2024	1,2-Diphenylhydrazine	34.1	30	0 *
			2,4-Dimethylphenol	34.7	30	0 *
			2,4-Dinitrophenol	65	30	0 *
			2,6-Dinitrotoluene	31.1	30	0 *
			4,6-Dinitro-2-methylphenol	50.4	30	0 *
			4-Nitroaniline	63.4	30	0 *
			Hexachlorocyclopentadiene	51.4	30	0 *
			Indeno(1,2,3-cd) pyrene	47.3	30	0 *
24I0791	S4I2726-SCV1	9/27/2024	2,4-Dimethylphenol	38.1	30	0 *
			Hexachlorocyclopentadiene	52.7	30	0 *
			Pyridine	33.8	30	0 *
24I1005	S4G0127-SCV1	6/27/24	2,4-Dimethylphenol	50.3	30	0 *
			Hexachlorocyclopentadiene	56.4	30	0 *
			Benzoic Acid	36.4	30	0 *

***Notes:** Proceeding CCV % Difference within control limits or associated results were qualified for CCV% Diff. No action taken.

Table B-7a. Continuing Calibration Verification Exceedances (Organics)

SDG	Calibration ID	Analysis Date	Parameter	% Diff	%Diff QC Limit	RRF	Min RRF	# of Flags
Method SW8082								
24I0791	S4I1939-CCV2	9/19/24	Arochlor 1260	25.8	20			5 UJ
Method SW8260								
24H1788	S4H2924-CCV1	8/29/24	1,1,1,2-Tetrachloroethane	24.4	20			5 UJ
			1,1,2-Trichloro-1,2,2-trifluoroethane	21.4	20			5 UJ
24H2011	S4I0312-CCV1	8/31/24	Tetrachloroethylene	32.8	20			1 UJ
24H2129	S4I0428-CCV1	8/28/24	Acetone	29.1	20			1 UJ
			Bromomethane	77.5	20			1 UJ
			Chloromethane	29.4	20			1 UJ
			Tetrachloroethylene	33.4	20			1 UJ
24H2129	S4I0425-CCV1	9/3/24	2-Butanone	63.5	20			1 J; 1 UJ
			Acrolein	26	20			1 J; 1 UJ
24H2129, 24I0046	S4I0439-CCV1	9/4/24	Bromomethane	38	20			3 UJ
			Chloroethane	38.2	20			3 UJ
			Trichlorofluoromethane	32.8	20			3 UJ
			Vinyl chloride	23.4	20			3 UJ
24I0046	S4I0528-CCV1	9/5/24	1,1,2-Trichloro-1,2,2-trifluoroethane	20.7	20			1 UJ
			1,2,3-Trichlorobenzene	21.8	20			1 UJ
			1,2,4-Trichlorobenzene	24.3	20			1 UJ
			Acetone	24.7	20			1 UJ
			Bromomethane	47.1	20			1 UJ
			Carbon disulfide	25.7	20			1 UJ
			Chloromethane	23.2	20			1 UJ
			Hexachlorobutadiene	24.1	20			1 UJ
24I0221	S4I1119-CCV1	9/10/24	1,1,1,2-Tetrachloroethane	28	20			4 UJ
			1,1,2-Trichloro-1,2,2-trifluoroethane	34.8	20			4 UJ
			1,1-Dichloroethylene	39.4	20			4 UJ
			Acrolein	25.3	20			4 UJ
			Bromoform	29.7	20			4 UJ
			Bromomethane	97.6	20			4 UJ
			Chloroethane	90	20			4 UJ
			Dibromochloromethane	21	20			4 UJ
			Dichlorodifluoromethane	35.4	20			4 UJ
			tert-Butyl alcohol	26.9	20			4 UJ
			Tetrachloroethylene	25.8	20			4 UJ
			Trichlorofluoromethane	90.5	20			4 UJ
			Vinyl chloride	56.5	20			4 UJ
24I0221	S4I1156-CCV1	9/11/24	Dichlorodifluoromethane	30.5	20			1 UJ
24I0221	S4I1116-CCV1	9/10/24	2-Hexanone	21.8	20			1 UJ
			Acetone	40.1	20			1 UJ
			Dichlorodifluoromethane	38.3	20			1 UJ
			ter-Butyl alcohol	24.9	20			1 UJ
			Tetrachloroethylene	46.7	20			1 UJ
24I0294	S4I1121-CCV1	9/10/24	1,1,1,2-Tetrachloroethane	21.3	20			4 UJ
			Bromoform	22.5	20			4 UJ
			Bromomethane	97.2	20			4 UJ
			Chloroethane	87.7	20			4 UJ
			Dichlorodifluoromethane	34.2	20			4 UJ
			Methylene chloride	88.2	20			4 UJ
			tert-Butyl alcohol	31.7	20			4 UJ
			Trichlorofluoromethane	83.1	20			4 UJ
			Vinyl chloride	49.9	20			4 UJ

Table B-7a. Continuing Calibration Verification Exceedances (Organics)

SDG	Calibration ID	Analysis Date	Parameter	% Diff	%Diff QC Limit	RRF	Min RRF	# of Flags
24I0294	S4I1258-CCV1	9/11/24	Acetone	26.2	20			1 UJ
			Chloromethane	24.8	20			1 UJ
			Dichlorodifluoromethane	45.9	20			1 UJ
			Tetrachloroethylene	40.1	20			1 UJ
			Trichloroethylene	208	20			1 UJ
24I0746	S4I2044-CCV1	9/20/24	Acrolein	38.2	20			1 UJ
			Bromomethane	59.7	20			1 UJ
			Chloromethane	39.5	20			1 UJ
			Dichlorodifluoromethane	26.1	20			1 UJ
24I0746	S4I2034-CCV1	9/20/24	Bromomethane	24.4	20			1 UJ
			Chloroethane	36.9	20			1 UJ
24I0746	S4I2045-CCV1	9/20/24	1,2-Dibromoethane	23.2	20			1 UJ
			1,4-Dioxane	31.3	20			1 UJ
			2-Butanone	30.8	20			1 UJ
			4-Methyl-2-pentanone	22.2	20			1 UJ
			Acrolein	44.8	20			1 UJ
			Bromochloromethane	20.9	20			1 UJ
			Bromoform	26.5	20			1 UJ
			Dibromochloromethane	22.9	20			1 UJ
			Dichlorodifluoromethane	75.7	20			1 UJ
			Methyl tert-butyl ether	24.7	20			1 UJ
			Methylene chloride	33.4	20			1 J
24I0791	S412308-CCV1	9/22/24	Methylene chloride	25.1	20			0 (1)
			Tetrachloroethylene	22.8	20			6 UJ
24I0791	S412346-CCV1	9/23/24	Dichlorodifluoromethane	22.3	20			1 UJ
			2-Hexanone			0.097	0.1	1 UJ
			Chloromethane	22.8	20			1 UJ
			Dichlorodifluoromethane	46.3	20			1 UJ
24I0791, 24I0889	S412515-CCV1	9/24/24	Acrolein	85.6	20			2 UJ
			Bromomethane	55.4	20			2 UJ
			Chloromethane	32.2	20			2 UJ
			Dichlorodifluoromethane	55.3	20			2 UJ
			Vinyl chloride	21	20			2 UJ
24I0889	24I2442-CCV1	9/24/24	Dichlorodifluoromethane	33.3	20			3 UJ
24I0889	24I2550-CCV1	9/25/24	1,2-Dibromo-3-chloropropane	21.6	20			1 UJ
			4-Methyl-2-pentanone	24.2	20			1 UJ
			Acrylonitrile	20.1	20			0 (2)
			Bromochloromethane	20.9	20			1 UJ
			Chloromethane	21.4	20			1 UJ
			Dichlorodifluoromethane	63.7	20			1 UJ
24I1005	24I2440-CCV1	9/24/24	2-Hexanone			0.0968	0.096	0 (2)
			Chloromethane	22.8	20			3 UJ
			Dichlorodifluoromethane	46.3				3 UJ
24I1005	24I2530-CCV1	9/24/24	Dichlorodifluoromethane	57.7	20			3 UJ
			Tetrachloroethylene	35.9	20			3 UJ
24I1005	24I2608-CCV1	9/25/24	1,2-Dibromo-3-chloropropane	26.8	20			1 UJ
			4-Methyl-2-pentanone	25.3	20			1 UJ
			Chloromethane	32.9	20			1 UJ
			Dichlorodifluoromethane	66.3	20			1 UJ
			Methylene chloride	38.4	20			1 UJ
			Tetrachloroethylene	31.6	20			1 UJ
			Vinyl chloride	25.1	20			1 UJ

Table B-7a. Continuing Calibration Verification Exceedances (Organics)

SDG	Calibration ID	Analysis Date	Parameter	% Diff	%Diff QC Limit	RRF	Min RRF	# of Flags
24I1005	24I2533-CCV1	9/25/24	1,2,3-Trichlorobenzene	20.7	20			1 UJ
			1,4-Dioxane	46.9	20			1 UJ
			Acrolein	27.9	20			1 UJ
			Dichlorodifluoromethane	28.5	20			1 UJ
			Tetrachloroethylene	44.9	20			1 UJ
Method SW8270								
24H1788	S4H3004-CCV1	8/29/24	Pentachlorophenol	118	30			1 UJ
24H1788	S4H2934-CCV1	8/29/24	2,3,4,6-Tetrachlorophenol	21.8	20			1 UJ
			2,4-Dinitrophenol	83.4	20			1 UJ
			2,4-Dinitrotoluene	25.6	20			1 UJ
			4,6-Dinitro-2-methylphenol	91.8	20			1 UJ
			4-Nitrophenol	95.7	20			1 UJ
			Aniline	49.1	20			1 UJ
			Benyl butyl phthalate	30.8	20			1 UJ
			Bis(2-chloroethyl)ether	112	20			1 UJ
			Di-n-octyl phthalate	25.4	20			1 UJ
24H2011	S4I0533-CCV1	9/7/24	2,4-Dinitrophenol	111	20			1 UJ
			2,4-Dinitrotoluene	36.1	20			1 UJ
			2,6-Dinitrotoluene	23.3	20			1 UJ
			4,6-Dinitro-2-methylphenol	114	20			1 UJ
			4-Nitrophenol	96	20			1 UJ
			Aniline	58.9	20			1 UJ
			Benzidine	20.2	20			1 UJ
			Benzoic Acid	29.6	20			0 (1)
			Benzyl butyl phthalate	29.6	20			1 UJ
			Bis(2-chloroethyl)ether	22.2	20			1 UJ
			Di-n-octyl phthalate	126	20			1 UJ
24H2011	S4I0453-CCV1	9/4/24	2,4-Dinitrophenol	38.9	20			7 UJ
			2,4-Dinitrotoluene	27.5	20			7 UJ
			2,6-Dinitrotoluene	26	20			7 UJ
			4,6-Dinitro-2-methylphenol	31.7	20			7 UJ
			Benzidine	33.8	20			7 UJ
			Benzoic Acid	20.5	20			7 UJ
			Benzyl butyl phthalate	39.1	20			7 UJ
			Bis(2-ethylhexyl)phthalate	33.3	20			7 UJ
			Di-n-octyl phthalate	39.4	20			7 UJ
			Hexachlorobenzene	23.1	20			7 UJ
			Hexachlorocyclopentadiene	34	20			7 UJ
			Pentachloronitrobenzene	43.8	20			7 UJ
			Pyrene	24.6	20			3 J; 4 UJ
24H2129	S4I0529-CCV1	9/5/24	2,4-Dinitrophenol	55.4	20			3 UJ
			2,4-Dinitrotoluene	32.1	20			3 UJ
			2,6-Dinitrotoluene	26.9	20			3 UJ
			4,6-Dinitro-2-methylphenol	33.4	20			3 UJ
			Benzoic Acid	23	20			3 UJ
			Benzyl butyl phthalate	31	20			3 UJ
			Bis(2-ethylhexyl)phthalate	27.8	20			3 UJ
			Di-n-octyl phthalate	33.8	20			3 UJ
			Hexachlorocyclopentadiene	50.3	20			3 UJ
			Pentachloronitrobenzene	42.7	20			3 UJ

Table B-7a. Continuing Calibration Verification Exceedances (Organics)

SDG	Calibration ID	Analysis Date	Parameter	% Diff	%Diff QC Limit	RRF	Min RRF	# of Flags
24H2129	S4I0615-CCV1	9/6/24	2,4-Dinitrophenol	74.9	20			1 UJ
			2,4-Dinitrotoluene	47.7	20			1 UJ
			2,6-Dinitrotoluene	36	20			1 UJ
			2-Nitroaniline	24.1	20			1 UJ
			3,3-Dichlorobenzidine	48.6	20			1 UJ
			3-Nitroaniline	45.3	20			1 UJ
			4,6-Dinitro-2-methylphenol	68.1	20			1 UJ
			4-Bromophenyl phenyl ether	24.2	20			1 UJ
			4-Chloroaniline	31.8	20			1 UJ
			4-Chlorophenyl phenyl ether	32.2	20			1 UJ
			4-Nitroaniline	21.7	20			1 UJ
			Benzidine	101	20			1 UJ
			Caprolactam	24.3	20			1 UJ
			Diethyl phthalate	20.6	20			1 UJ
			Di-n-octyl phthalate	43.6	20			1 UJ
24H2129; 24I0046	S4I0614-CCV1	9/6/24	Pentachlorophenol	68.4	30			2 UJ
24I0046	S4I0517-CCV1	9/5/24	1,2-Diphenylhydrazine	31.8	20			3 UJ
			4,6-Dinitro-2-methylphenol	56.6	20			3 UJ
			Benzyl butyl phthalate	28.5	20			3 UJ
			Bis(2-chloroisopropyl)ether	42.2	20			3 UJ
			Bis(2-ethylhexyl)phthalate	31.6	20			3 UJ
			Dibenzo(a,h)anthracene	26.1	20			3 UJ
			Di-n-octyl phthalate	28	20			3 UJ
			Hexachlorocyclopentadiene	30.2	20			3 UJ
			Isophorone	20.1	20			3 UJ
			N-Nitrosodimethylamine	31	20			3 UJ
			Pentachlorophenol	33.7	20			3 UJ
			Pyridine	24.2	20			3 UJ
24I0046	S4I0612-CCV1	9/6/24	2,4-Dinitrophenol	103	20			1 UJ
			2,4-Dinitrotoluene	34.4	20			1 UJ
			2,6-Dinitrotoluene	21.2	20			1 UJ
			4,6-Dinitro-2-methylphenol	108	20			1 UJ
			Benzidine	25.1	20			1 UJ
			Benzoic Acid	24.8	20			0 (1)
			Benzyl butyl phthalate	24.7	20			1 UJ
			Bis(2-chloroethyl)ether	21.2	20			1 UJ
24I0221	S4I1101-CCV1	9/10/24	1,2-Diphenylhydrazine	551	20			0 (1)
			2,4-Dinitrophenol	65	20			0 (1)
			4,6-Dinitro-2-methylphenol	38.7	20			0 (1)
			4-Nitrophenol	95.3	20			0 (1)
			Aniline	62	20			0 (1)
			Benzoic Acid	67.4	20			0 (1)
			Benzyl butyl phthalate	29.8	20			0 (1)
			Bis(2-chloroethyl)ether	115	20			0 (1)
			Bis(2-chloroisopropyl)ether	30.4	20			0 (1)
			Isophorone	24.3	20			0 (1)
			N-nitroso-di-n-propylamine	30.4	20			0 (1)
24I0221	S4I1136-CCV1	9/11/24	1,2-Diphenylhydrazine	28.4	20			5 UJ
			4,6-Dinitro-2-methylphenol	43.7	20			5 UJ
			Aniline	27.1	20			5 UJ
			Benzoic Acid	35.8	20			5 UJ
24I0221	S4I1136-CCV1	9/11/24	Benzyl butyl phthalate	30.7	20			5 UJ
			Bis(2-chloroethyl)ether	21.9	20			5 UJ

Table B-7a. Continuing Calibration Verification Exceedances (Organics)

SDG	Calibration ID	Analysis Date	Parameter	% Diff	%Diff QC Limit	RRF	Min RRF	# of Flags
24I0221	S4I1136-CCV1	9/11/24	Bis(2-chloroisopropyl)ether	26.9	20			5 UJ
			Bis(2-ethylhexyl)phthalate	34.7	20			5 UJ
			Dibenzo(a,h)anthracene	31.8	20			5 UJ
			Di-n-octyl phthalate	32.4	20			5 UJ
			Hexachlorobenzene			0.09	0.1	5 UJ
			Hexachlorocyclopentadiene	26.1	20			5 UJ
			N-Nitrosodimethylamine	31.1	20			5 UJ
			Phenol	22.8	20			5 UJ
			Pyridine	22.8	20			5 UJ
24I0294	S4I1217-CCV1	9/12/24	2,4-Dinitrophenol	123	20			1 UJ
			2,4-Dinitrotoluene	36.6	20			1 UJ
			2,6-Dinitrotoluene	25.5	20			1 UJ
			4,6-Dinitro-2-methylphenol	114	20			1 UJ
			4-Nitrophenol	95.2	20			1 UJ
			Aniline	53.5	20			1 UJ
			Benzoic Acid	31.8	20			1 UJ
			Benzyl butyl phthalate	21	20			1 UJ
			Bis(2-chloroethyl)ether	118	20			1 UJ
24I0294	S4I1627-CCV1	9/12/24	4,6-Dinitro-2-methylphenol	35.3	20			6 UJ
			Acenaphthylene	21.7	20			6 UJ
			Benzoic Acid	57.5	20			4 UJ
			Bis(2-chloroethoxy)methane	23.5	20			6 UJ
			Bis(2-chloroisopropyl)ether	32.7	20			6 UJ
			Bis(2-ethylhexyl)phthalate	25.4	20			6 UJ
			Hexachlorocyclopentadiene	47.3	20			6 UJ
			N-Nitrosodimethylamine	33.1	20			4 UJ
			Pyridine	29.7	20			4 UJ
24I0294	S4I1306-CCV1	9/12/24	Pentachlorophenol	31.5	20			1 UJ
			Pyrene	31.4	20			1 UJ
24I0746	S4I1708-CCV1	9/16/24	2,4-Dinitrophenol	124	20			1 UJ
			2,4-Dinitrotoluene	37.8	20			1 UJ
			2,6-Dinitrotoluene	25.7	20			1 UJ
			4,6-Dinitro-2-methylphenol	117	20			1 UJ
			4-Nitrophenol	95.3	20			1 UJ
			Aniline	61.2	20			1 UJ
			Benzoic acid	38	20			1 UJ
			Benzyl butyl phthalate	21.4	20			1 UJ
			Bis(2-chloroethyl)ether	129	20			1 UJ
24I0746	S4I2004-CCV1	9/19/24	2,4-Dinitrotoluene	20.6	20			12 UJ
			4,6-Dinitro-2-methylphenol	32.6	20			12 UJ
			4-Nitroaniline	21.5	20			12 UJ
			4-Nitrophenol	27	20			12 UJ
			Bis(2-chloroisopropyl)ether	21.3	20			12 UJ
			Pentachlorophenol	26.6	20			12 UJ
			Pyridine	23.4	20			7 UJ
24I0746	S4I2024-CCV1	9/20/24	2,4-Dinitrophenol	41	20			1 UJ
			2,4-Dinitrotoluene	30.2	20			1 UJ
			2,6-Dinitrotoluene	29.5	20			1 UJ
			4,6-Dinitro-2-methylphenol	26.2	20			1 UJ
			Hexachlorobenzene	21.8	20			1 UJ
			Hexachlorocyclopentadiene	68.9	20			1 UJ
			Indeno(1,2,3-cd)pyrene	28.4	20			1 J
24I0791, 24I0889	S4I2304-CCV1	9/20/24	2,3,4,6-Tetrachlorophenol	25.3	20			2 UJ
			2,4-Dinitrophenol	35.7	20			2 UJ
			2,4-Dinitrotoluene	31.9	20			2 UJ
			2,6-Dinitrotoluene	21.9	20			2 UJ

Table B-7a. Continuing Calibration Verification Exceedances (Organics)

SDG	Calibration ID	Analysis Date	Parameter	% Diff	%Diff QC Limit	RRF	Min RRF	# of Flags
24I0791, 24I0889	S4I2304-CCV1	9/20/24	2-Methylphenol	46.4	20			2 UJ
			3 & 4-Methylphenols	42.5	20			2 UJ
			4,6-Dinitro-2-methylphenol	87.6	20			2 UJ
			Aniline	62.9	20			2 UJ
			Bis(2-chloroethyl)ether	131	20			2 UJ
			Phenol	91.2	20	0.18	0.8	2 UJ
			Pyridine	23.3	20			2 UJ
24I0791	S4I2322-CCV1	9/20/24	2,4-Dinitrophenol	81.3	20			3 UJ
			4,6-Dinitro-2-methylphenol	29.3	20			3 UJ
			4-Bromophenyl phenyl ether	22.5	20			3 UJ
			4-Nitrophenol	25	20			3 UJ
			Benzoic acid	42.1	20			3 UJ
			Di-n-octyl phthalate	25.5	20			3 UJ
			Hexachlorocyclopentadiene	21.7	20			3 UJ
24I0791	S4I2331-CCV1	9/20/24	4,6-Dinitro-2-methylphenol	20.7	20			5 UJ
24I0889	S4I2419-CCV1	9/24/24	1,2-Diphenylhydrazine	24.8	20			4 UJ
			2,4-Dinitrophenol	78.7	20			4 UJ
			4,6-Dinitro-2-methylphenol	24.3	20			4 UJ
			4-Bromophenyl phenyl ether	27	20			4 UJ
			Atrazine	21.5	20			4 UJ
			Di-n-octyl phthalate	20.3	20			0 (2)
			Diphenylamine	26.3	20			4 UJ
			N-Nitrosodimethylamine	25.9	20			4 UJ
24I1005	S4I2333-CCV1	9/23/24	4,6-Dinitro-2-methylphenol	34.4	20			1 UJ
			4-Nitroaniline	20.7	20			1 UJ
			Pentachlorophenol	23	20			1 UJ
			Pyridine	22.9	20			1 UJ
24I1005	S4I2335-CCV1	9/23/24	2,3,4,6-Tetrachlorophenol	20.6	20			1 UJ
			2,4-Dinitrophenol	28.6	20			1 UJ
			2,4-Dinitrotoluene	31.7	20			1 UJ
			2,6-Dinitrotoluene	21.5	20			1 UJ
			2-Methylphenol	43.8	20			1 UJ
			3 & 4-Methylphenols	39.2	20			0 (1)
			4,6-Dinitro-2-methylphenol	91.6	20			1 UJ
			4-Nitrophenol	94.5	20			1 UJ
			Aniline	69.1	20			1 UJ
			Benzoic Acid	21.3	20			0 (1)
			Bis(2-chloroethyl)ether	141	20			1 UJ
24I1005	S4I2339-CCV1	9/23/24	2,4-Dinitrophenol	21.9	20			6 UJ
			4,6-Dinitro-2-methylphenol	52.5	20			6 UJ
			Acenaphthene	20.1	20			6 UJ
			Acenaphthylene	23.7	20			2 J; 4 UJ
			Benzoic Acid	53.1	20			6 UJ
			Bis(2-chloroethoxy)methane	21.2	20			6 UJ
			Bis(2-chloroisopropyl)ether	31.9	20			6 UJ
			Bis(2-ethylhexyl)phthalate	26.8	20			6 UJ
			Hexachlorocyclopentadiene	49.4	20			6 UJ
			N-Nitrosodimethylamine	27.4	20			6 UJ
			Pyridine	25.1	20			6 UJ
24I1005	S4I2337-CCV1	9/23/24	Hexachloroethane	36.9	30			1 UJ

Notes:

1) Associated results were already qualified for another QC exceedance.

2) CCV exceedance was minor. No action taken.

Table B-7b. Continuing Calibration Verification Exceedances (Inorganics)

SDG	Continuing Calibration ID	Analysis Date	Parameter	% Rec	%Rec QC Limit	# of Flags
Method SW6010						
24H1788	S4H3022-CCV4	8/30/24	Selenium	111	90-110	0 (1)
24H1788	S4H3022-CCV5	8/30/24	Selenium	113	90-110	0 (1)
24H2011	S4I0527-CCV1	9/5/24	Antimony	111	90-110	0 (1)
24H2129	S4I0607-CCV2	9/6/24	Silver	113	90-110	0 (1)
24I0089	S4I2421-ICV1	9/24/24	Antimony	111	90-110	0 (3)
Method SW6020						
24H1788	S4H2928-CCV4	8/29/24	Antimony	87.5	90-110	1 UJ
			Beryllium	117	90-110	0 (1)
24H2011	S4I0516-CCV8	9/7/24	Antimony	84.4	90-110	1 UJ
			Beryllium	76.4	90-110	0 (2)
			Cadmium	85.1	90-110	1 UJ
			Chromium	89.4	90-110	1 UJ
			Nickel	88.5	90-110	1 UJ
24H2011	S4I0516-CCV9	9/7/24	Antimony	89.4	90-110	0 (2)
			Beryllium	75	90-110	1 UJ
24H2129	S4I0604-CCV6	9/6/24	Antimony	85.8	90-110	0 (2)
			Beryllium	88.3	90-110	1 UJ
			Cadmium	86.8	90-110	1 UJ
			Antimony	84.8	90-110	1 UJ
			Cadmium	88.9	90-110	0 (2)
24I0046	S4I0903-CCV4	9/6/24	Antimony	85.4	90-110	1 UJ
			Arsenic	89.2	90-110	1 UJ
24I0221	S4I1113-ICV1	9/10/24	Antimony	118	90-110	0 (3)
24I0294	S4I1148-CCV4	9/11/24	Chromium	88.1	90-110	1 J-
			Copper	84.6	90-110	1 UJ
			Nickel	88	90-110	1 UJ
			Zinc	87.9	90-110	1 J-
24I0889, 24I1005	S4I2320-ICV1	9/23/24	Silver	112	90-110	0 (3)

Notes:

1) Associated results were reported as non-detected. No action taken.

2) Associated results were qualified for another CCV.

3) Subsequent CCV was within control limits. Sample results were not affected.

Table B-8. Summary of Laboratory Blank Detections

SDG	Analytical Batch	Blank Type	Blank Sample Code	Analysis Date	Parameter	Unit	Result	RL	10 X Blank Value	# of Flags
Method SW6010										
24H2129, 24I0046	BI40186	MB	BI40186-BLK1	9/6/24	Beryllium	mg/kg	0.05	0.035	0.5	5 J+
24I0791	BI40894	CCB	S4I1711-CCB3	9/17/24	Beryllium	ug/ml	0.0005	0.0004	0.001	0 (3)
24I0889	BI12421	CCB	S4I2421-CCB1	9/24/24	Beryllium	ug/L	0.0007	0.0004	0.007	0 (3)
24I0889	BI12421	CCB	S4I2421-CCB2	9/24/24	Beryllium	ug/L	0.001	0.0004	0.01	0 (3)
					Lead	ug/L	0.007	0.004	0.07	0 (3)
Method SW6020										
24H1788	BH41853	CCB	S4H2928-CCB3	8/29/24	Nickel	ug/L	1.83	1	18.3	0 (1)
					Selenium	ug/L	1.16	1	11.6	0 (1)
24H1788	BH41853	CCB	S4H2928-CCB4	8/29/24	Nickel	ug/L	1.72	1	17.2	0 (1)
24H2011	BI40076	CCB	S4I0516-CCB8	9/7/24	Nickel	ug/L	1.51	1	15.1	0 (1)
24I0221	BI40564	ICB	S4I1120-ICB1	9/11/24	Selenium	ug/L	1.69	1	10.7	0 (2)
24I0294	BI40527	ICB	S411148-ICB1	9/12/24	Selenium	ug/L	1.69	1	16.9	0 (2)
Method SW8260										
24H2129, 21I0046	BI40178	MB	BI40178-BLK1	9/4/24	tert-Butyl alcohol	mg/kg	0.0047	0.0025	0.047	0 (1)
24I0294	BI40560	MB	BI40560-BLK1	9/11/24	Methylene chloride	mg/kg	0.0054	0.0025	0.054	0 (1)
					tert-Butyl alcohol	mg/kg	0.0064	0.0025	0.064	0 (1)
24I0294	BI40628	MB	BI40628-BLK1	9/11/24	Methylene chloride	ug/L	1.43	0.397	10.43	0 (1)
					Trichloroethylene	ug/L	5.74	0.249	50.74	0 (1)
24I0746	BI41252	MB	BI41252-BLK1	9/19/24	Methylene chloride	mg/kg	0.0061	0.0025	0.061	0 (1)
24I0791	BI41407	MB	BI41407-BLK1	9/23/24	Methylene chloride	mg/kg	0.017	0.0025	0.17	1 J+
24I0791, 24I0889	BI41506	MB	BI41506-BLK1	9/24/24	Methylene chloride	ug/L	0.65	0.5	6.5	0 (1)
24I0889	BI41572	MB	BI41572-BLK1	9/25/24	Methylene chloride	mg/kg	0.02	0.01	0.2	0 (4)
24I1005	BI41535	MB	BI41535-BLK1	9/24/24	Methylene chloride	mg/kg	0.02	0.01	0.2	0 (4)
Method SW8270										
21I1005	BI41277	MB	BI41277-BLK2	9/23/24	Naphthalene	ug/L	0.11	0.05	1.1	0 (1)

Notes:

1) Associated sample results were non-detects.

2) Target analyte was not detected in the following CCB

3) Associated sample results were greater than 10 X the blank value.

4) Associated sample results were already qualified for another QC exceedance.

Table 9a. LCS Frequency That Were Not Met

Analytical Batch	Reason For Not Meeting Required Frequency	LCS ID	Parameter	Assoc. Sample Batch (Lab Code Prefix)
Method SW8270				
24I0221	LCS was analyzed on a different instrument than the associated sample	BI40424-BS1 and BSD1	All SVOC	RB_9.3.24
24I0294	Almost all the SVOCs recoveries for the LCS were less than the QC range limit. It was determined that the exceedances were due to an analytical anomaly. LCS not used to evaluate accuracy for associated samples	BI40637-BS1 (A BS duplicate was not analyzed)	All SVOC	SB-49 (27-30), SB-48 (28-31), SB-51 (2-4), SB-51 (10-13), SB-20 (1-2.5), SB-21 (1-2.5)
24I0746	LCS' were analyzed in different analytical batchs than the associated SDG samples.	BI41021-BS1, BI41292-BS1, BI41045-BS1	All SVOC	SB-62 (2-5),SB-28 (0.5-2),SB-63 (10-12),SB-17 (25-28),RB_9.9.24 2, SB-19 (1-3),SB-18 (2-5),SB-18 (2-5) ,SB-DUP-2,SB-62 (2-5),SB-DUP-2,SB-23 (18-21) ,SB-23 (18-21),SB-9 (17-20),SB-10 (23-26),SB-11 (20-23),SB-32 (10-12) ,SB-34 (25-27),SB-33 (8-10),SB-62 (2-5),SB-28 (0.5-2),SB-63 (10-12), SB-17 (25-28), RB_9.9.24 2,SB-19 (1-3) ,SB-18 (2-5),SB-DUP-2 ,SB-23 (18-21) ,SB-9 (17-20) ,SB-10
24I1005	LCS' were analyzed in different analytical batchs than the associated SDG samples.	BI41338-BS1	All SVOC	SB-39 (1.5-3.5), SB-37 (2.5-3.5, SB-38 (3-5), CS-1, CS-2, CS-3, CS-4

Table B-9b. Laboratory Control Sample Exceedances

Sample Batch	Analytical Batch	LCS Sample Code	Analytical Date	Parameter	% Recovery	Control Limits % Recovery	# of Flags
Method SW6020							
24I0746	BI40932	BI40932-BS1	9/17/2024	Zinc	139	70-130	0 (4)
24I0791	BI41111	BI41111-BS1	9/19/2024	Zinc	123	80-120	1 J+
Method SW8260							
24H1788	BH41870	BH41870-BS1	8/28/24	Acetone	174	14-150	0 (1)
				Bromomethane	35	43-168	1 UJ (2)
				Tetrachloroethylene	49.9	82-131	1 UJ (2)
24H1788	BH41870	BH41870-BSD1	8/28/24	Acetone	174	14-150	0 (1)
				Bromomethane	35.7	43-168	0 (3)
				Tetrachloroethylene	49.2	82-131	0 (3)
24H1788	BH41960	BH41960-BS1	8/29/24	Acetone	216	36-155	0 (3)
24H1788	BH41960	BH41960-BSD1	8/29/24	Acetone	224	36-155	3 J+
24H2011	BI40098	BI40098-BS1	9/3/24	Acetone	255	36-155	7 J+
				Tetrachloroethylene	77.6	80-129	0 (3)
24H2011	BI40098	BI40098-BSD1	9/3/24	1,1,1,2-Tetrachloroethane	73.4	75-129	7 UJ (2)
				1,2,4-Trimethylbenzene	130	84-125	0 (4)
				1,3-Dichlorobenzene	125	84-125	0 (1)
				4-Methyl-2-pentanone	148	72-132	0 (1)
				Acetone	212	36-155	0 (3)
				Bromoform	73.7	80-136	0 (6)
				Bromomethane	1820	32-177	0 (1)
				Chloroethane	1290	51-142	0 (1)
				p-Isopropyltoluene	136	85-125	2 J+
				sec-Butylbenzene	130	83-125	0 (3)
				Tetrachloroethylene	72.1	80-129	7 UJ (2)
				Trichlorofluoromethane	204	62-140	0 (4)
24H2011	BH42142	BH42142-BS1	8/31/24	1,1,2,2-Tetrachloroethane	130	76-129	0 (4)
				Acetone	169	14-150	0 (1)
				Tetrachloroethylene	59.4	82-131	0 (4)
24H2011	BH42142	BH42142-BSD1	8/31/24	1,1,2,2-Tetrachloroethane	133	76-129	0 (4)
				Acetone	171	14-150	0 (1)
				Chlorobenzene	121	88-120	0 (1)
				Tetrachloroethylene	61.6	82-131	0 (4)
24H2129	BI40100	BI40100-BS1	9/3/24	Acetone	235	36-155	0 (3)
24H2129	BI40100	BI40100-BSD1	9/3/24	Acetone	250	36-155	1 J+
24H2129	BI40154	BI40154-BS1	9/4/24	Acetone	178	14-150	0 (4)
				Tetrachloroethylene	53.5	82-131	0 (4)
24H2129	BI40154	BI40154-BSD1	9/4/24	Acetone	193	14-150	0 (4)
				Tetrachloroethylene	54.4	82-131	0 (4)
24H2129, 24I0046	BI40178	BI40178-BS1	9/4/24	Acetone	233	36-155	0 (3)
				Tetrachloroethylene	77	80-129	3 UJ
24H2129, 24I0046	BI40178	BI40178-BSD1	9/4/24	Acetone	308	36-155	3 J+
24I0046	BI40230	BI40230-BS1	9/5/24	1,3-Dichlorobenzene	83.2	84-124	0 (3)
				1,4-Dichlorobenzene	83.9	84-124	0 (3)
				Acetone	207	36-155	0 (3)
				Hexachlorobutadiene	79.9	83-133	0 (3)
				Tetrachloroethylene	79.7	80-129	0 (3)
24I0046	BI40230	BI40230-BSD1	9/5/24	1,3-Dichlorobenzene	82.3	84-124	1 UJ
				1,4-Dichlorobenzene	81.9	84-124	1 UJ
				Acetone	218	36-155	1 J+

Table B-9b. Laboratory Control Sample Exceedances

Sample Batch	Analytical Batch	LCS Sample Code	Analytical Date	Parameter	% Recovery	Control Limits % Recovery	# of Flags
24I0046	BI40230	BI40230-BSD1	9/5/24	Hexachlorobutadiene	78.3	83-133	1 UJ
				p-Isopropyltoluene	84.4	85-125	1 UJ
				sec-Butylbenzene	82.2	83-125	1 UJ
				Tetrachloroethylene	78.4	80-129	1 UJ
24I0221	BI40535	BI40535-BS1	9/10/24	Acetone	245	36-155	0 (3)
				Bromoform	76	80-136	0 (4)
				Bromomethane	199	32-177	0 (1)
				Chloroethane	187	51-142	0 (1)
				Hexachlorobutadiene	78.3	83-133	4 UJ
				Tetrachloroethylene	73	80-129	0 (4)
				Trichlorofluoromethane	180	62-140	0 (1)
				Vinyl Chloride	144	52-130	0 (1)
24I0221	BI40535	BI40535-BSD1	9/10/24	Acetone	266	36-155	3 J+
				Bromomethane	202	32-177	0 (1)
				Chloroethane	185	51-142	0 (1)
				Tetrachloroethylene	77.2	80-129	0 (4)
				Trichlorofluoromethane	187	62-140	0 (1)
				Vinyl Chloride	152	52-130	0 (1)
24I0221	BI40643	BI40643-BS1	9/11/24	Acetone	228	36-155	1 J+
24I0221	BI40643	BI40643-BSD1	9/11/24	1,4-Dichlorobenzene	83.1	84-124	1 UJ
				Acetone	218	36-155	0 (3)
				Hexachlorobutadiene	80.5	83-133	1 UJ
24I0221	BI40586	BI40586-BS1	9/10/24	Acetone	281	14-150	0 (1)
				Tetrachloroethylene	46.3	82-131	0 (4)
24I0221	BI40586	BI40586-BSD1	9/10/24	Acetone	258	14-150	0 (1)
				Tetrachloroethylene	47.9	82-131	0 (4)
24I0294	BI40560	BI40560-BS1	9/10/24	1,1,1,2-Tetrachloroethane	69.7	75-126	0 (4)
				Acetone	225	36-155	2 J+
				Bromoform	72	80-136	0 (4)
				Bromomethane	178	32-177	0 (1)
				Chloroethane	151	51-142	0 (1)
				Hexachlorobutadiene	75.7	83-133	4 UJ
				Tetrachloroethylene	68.2	80-129	4 UJ
				Trichlorofluoromethane	163	62-140	0 (1)
				Vinyl Chloride	140	52-130	0 (1)
24I0294	BI40560	BI40560-BSD1	9/10/24	1,1,1,2-Tetrachloroethane	70.9	75-129	0 (4)
				Acetone	208	36-155	0 (3)
				Bromoform	69.8	80-136	0 (4)
				Chloroethane	152	51-142	0 (1)
				Hexachlorobutadiene	79.8	51-142	0 (3)
				tert-Butyl alcohol	66.2	70-130	0 (4)
				Tetrachloroethylene	69.8	80-129	0 (3)
				Trichlorofluoromethane	159	62-140	0 (1)
24I0294	BI40628	BI40628-BS1	9/11/24	Acetone	199	14-150	0 (1)
				Tetrachloroethylene	57.5	82-131	0 (4)
				Trichloroethylene	328	82-128	0 (4)
24I0294	BI40628	BI40628-BSD1	9/11/24	Acetone	202	14-150	0 (1)
				Dichlorodifluoromethane	42.3	44-144	0 (4)
				Tetrachloroethylene	56.9	82-131	0 (4)
				Trichloroethylene	180	82-128	0 (4)

Table B-9b. Laboratory Control Sample Exceedances

Sample Batch	Analytical Batch	LCS Sample Code	Analytical Date	Parameter	% Recovery	Control Limits % Recovery	# of Flags
24I0746	BI41205	BI41205-BS1	9/20/24	1,3-Dichlorobenzene	83.1	86-122	1 UJ
				1,4-Dichlorobenzene	82	85-124	1 UJ
				Acetone	205	14-150	0 (1)
				Chlorobenzene	85.9	88-120	1 UJ
				Dichlorodifluoromethane	172	44-144	0 (1)
				Tetrachloroethylene	56	82-131	1 UJ
24I0746	BI41252	BI41252-BS1	9/19/24	Acetone	312	36-155	0 (1)
				Tetrachloroethylene	79.2	80-129	5 UJ
24I0746	BI41252	BI41252-BSD1	9/19/24	Acetone	317	36-155	0 (1)
				Tetrachloroethylene	79.6	80-129	0 (3)
24I0746	BI41257	BI41257-BS1	9/20/24	1,2-Dibromoethane	85.8	86-123	0 (4)
				Dichlorodifluoromethane	201	28-158	0 (4)
24I0791	BI41353	BI41353-BS1	9/23/24	Acetone	199	36-155	0 (3)
24I0791	BI41353	BI41353-BSD1	9/23/24	Acetone	205	36-155	6 J+
				tert-Butyl alcohol	134	70-130	0 (1)
24I0791	BI41407	BI41407-BS1	9/23/24	Acetone	168	36-155	0 (3)
				Hexachlorobutadiene	80.2	83-133	1 UJ
24I0791	BI41407	BI41407-BSD1	9/23/24	Acetone	186	36-155	1 J+
24I0791	BI41481	BI41481-BS1	9/24/24	Acetone	180	36-155	1 J+
24I0791	BI41481	BI41481-BSD1	9/24/24	Acetone	172	36-155	0 (3)
24I0791, 24I0889	BI41506	BI41506-BS1	9/24/24	1,1,2-Trichloroethane	80.3	82-123	2 UJ
				1,2-Dibromoethane	80.7	83-124	2 UJ
				Acrolein	183	10-153	0 (1)
				cis-1,3-Dichloropropylene	79	80-131	2 UJ
				Tetrachloroethylene	49	82-131	2 UJ
24I0889	BI41482	BI41482-BS1	9/24/24	Acetone	196	36-155	0 (3)
				Hexachlorobutadiene	80.3	83-133	3 UJ
				Tetrachloroethylene	72	80-129	0 (3)
24I0889	BI41482	BI41482-BSD1	9/24/24	Acetone	200	36-155	2 J+
				Hexachlorobutadiene	79	83-133	0 (3)
				Tetrachloroethylene	77.9	80-129	3 UJ
24I0889	BI41572	BI41572-BS1	9/25/24	Acetone	165	36-155	0 (3)
				Hexachlorobutadiene	79	83-133	1 UJ
				Methylene chloride	178	57-141	0 (3)
24I0889	BI41572	BI41572-BSD1	9/25/24	Acetone	196	36-155	1 J+
				Methylene chloride	194	57-141	1 J+
24I1005	BI41481	BI41481-BS1	9/24/24	Acetone	180	36-155	0 (1)
24I1005	BI41481	BI41481-BSD1	9/24/24	Acetone	172	36-155	0 (1)
24I1005	BI41535	BI41535-BS1	9/24/24	Acetone	191	36-155	0 (1)
24I1005	BI41535	BI41535-BSD1	9/24/24	1,3,5-Trimethylbenzene	130	82-126	0 (1)
				Acetone	191	36-155	0 (1)
				Isopropylbenzene	131	81-127	0 (1)
				sec-Butylbenzene	130	83-125	0 (1)
				Toluene	123	85-121	0 (1)
				Trichloroethylene	125	84-123	0 (1)
24I1005	BI41596	BI41596-BS1	9/25/24	1,3-Dichlorobenzene	83.5	86-122	1 UJ
				1,4-Dichlorobenzene	82.6	85-124	1 UJ
				Acetone	210	14-150	0 (1)
				Chlorobenzene	87.4	88-120	1 UJ
				Dichlorodifluoromethane	180	44-144	0 (1)

Table B-9b. Laboratory Control Sample Exceedances

Sample Batch	Analytical Batch	LCS Sample Code	Analytical Date	Parameter	% Recovery	Control Limits % Recovery	# of Flags
				Tetrachloroethylene	45.1	82-131	0 (4)
24I1005	BI41596	BI41596-BS1	9/25/24	Acetone	213	14-150	0 (1)
				Dichlorodifluoromethane	184	44-144	0 (1)
				Tetrachloroethylene	45.8	82-131	0 (4)
Method SW8270							
24H1788	BH41952	BH41952-BS1	8/29/24	4,6-Dinitro-2-methylphenol	185	10-153	0 (1)
				Benzoic acid	19	30-130	0 (3)
24H1788	BH41952	BH41952-BSD1	8/29/24	4,6-Dinitro-2-methylphenol	185	10-153	0 (1)
				Benzoic acid	18	30-130	1 R (5)
24H2011	BI40071	BI40071-BS1	9/4/24	4,6-Dinitro-2-methylphenol	185	10-153	0 (1)
				Aniline	120	10-119	0 (1)
				Bis(2-chloroethyl)ether	173	19-125	0 (1)
24H2011	BI40129	BI40129-BS1	9/5/24	4,6-Dinitro-2-methylphenol	181	10-153	0 (1)
				Benzoic acid	0	30-130	1 R (5)
24H2011	BI40129	BI40129-BSD1	9/5/24	All results LCS results were rejected as anomalies.			
24H2129,24I0046	BI40224	BI40224-BS1	9/6/24	All results LCS results were rejected as anomalies.			
24H2129,24I0046	BI40224	BI40224-BSD1	9/6/24	4,6-Dinitro-2-methylphenol	183	10-153	0 (1)
				Benzoic acid	0	30-130	2 R (5)
				Pyridine	7.51	10-90	2 R (5)
24I0221	BI40553	BI40553-BS1	9/11/24	2,3,4,6-Tetrachlorophenol	132	30-130	0 (1)
				2,4,5-Trichlorophenol	136	27-118	0 (1)
				2,4,6-Trichlorophenol	133	31-120	0 (1)
				2,4-Dichlorophenol	131	20-127	0 (1)
				4,6-Dinitro-2-methylphenol	154	10-143	0 (1)
				4-Bromophenyl	125	29-120	0 (1)
				Atrazine	116	26-112	0 (1)
				Benzo(g,h,i)perylene	161	10-143	0 (1)
				Caprolactam	137	10-127	0 (1)
				Dibenzo(a,h)anthracene	189	10-136	0 (1)
				Indeno(1,2,3-cd)pyrene	171	10-135	0 (1)
24I0294	BI40622	BI40622-BS1	9/12/24	Benzoic acid	0	30-130	1 R (5)
				Bis(2-chloroethyl)ether	134	17-125	0 (1)
24I0294	BI40622	BI40622-BS2	9/12/24	Hexachlorobenzene	9	23-124	1 R (5)
				Hexachlorobutadiene	0	15-123	1 R (5)
				Hexachloroethane	0	18-115	1 R (5)
				N-Nitrosodimethylamine	0	10-124	1 R (5)
24I0746	BI40886	BI40886-BS1	9/16/24	4,6-Dinitro-2-methylphenol	161	10-153	0 (1)
				Benzoic acid	0	30-130	1 R (5)
24I0746	BI40886	BI40886-BSD1	9/16/24	4,6-Dinitro-2-methylphenol	158	10-153	0 (1)
				4-Nitrophenol	0	10-131	1 R (5)
				Benzoic acid	0	30-130	0 (3)
24I0746	BI40886	BI40886-BS2	9/16/24	Acenaphthylene	131	10-153	0 (1)
				Hexachlorobenzene	8	10-131	1 R (5)
				Naphthalene	286	30-130	0 (1)
				N-Nitrosodimethylamine	0	24-127	1 R (5)
				Phenanthrene	204	24-127	1 J+
24I1005	BI41277	BI41277-BS1	9/23/24	3- & 4-Methylphenols	0	10-107	1 R
				Benzoic Acid	0	30-130	1 R
24I1005	BI41277	BI41277-BSD1	9/23/24	Benzoic Acid	0	30-130	0 (3)
				Pyridine	0	10-90	1 R

Table B-9b. Laboratory Control Sample Exceedances

Sample Batch	Analytical Batch	LCS Sample Code	Analytical Date	Parameter	% Recovery	Control Limits % Recovery	# of Flags
24I1005	BI41277	BI1277-BS2	9/23/24	Hexachlorobenzene	5	23-124	1 R
				Hexachlorobutadiene	0	15-123	1 R
				N-Nitrosodimethylamine	0	10-124	1 R
				Pentachlorophenol	0	10-156	1 R
24H1788	BH41952	BH41952-BS2	8/29/24	Hexachlorobenzene	8	23-124	1 R (5)
				N-Nitrodimethylamine	0	10-124	1 R (5)
24H2129, 24I0046	BHI40224	BHI40224-BS2	9/6/24	Hexachlorobenzene	10	23-124	2 R (5)
				N-Nitrodimethylamine	0	10-124	2 R (5)
24I0221	BHI40424	BHI40424-BS2	9/10/24	Hexachlorobenzene	9	23-124	1 R (5)
				N-Nitrodimethylamine	0	10-124	1 R (5)
24I0791	BH41202	BH41202-BS2	9/20/24	Hexachlorobenzene	10	23-124	1 R (5)
				N-Nitrodimethylamine	0	10-124	1 R (5)

Note:

1) Associated results were less than the MDL.

2) LCS evaluation is not required according to data validation guidelines (EPA, 2020b). Therefore *SVOC* LCS guidelines were used for evaluation purposes. However, associated sample results qualified "UJ" instead of "R", as required for SVOC data.

3) Associated sample results were already flagged for the paired LCS or LCSD recovery exceedance.

4) Associated samples were qualified for another QC sample exceedance.

5) The rejected results were associated with rinsate blanks only.

6) LCS exceedance minor. No action taken.

Table 10a. Laboratory Duplicate Frequency Omissions

SDG	Reason For Not Meeting Required Frequency	Duplicate Sample	Parameter	Assoc. Samples (Lab Code Suffix)
Method SW6010				
24H2129	A lab duplicate was not analyzed for associated samples		All ICP Metals	SB-47 (25-27), SB-45 (28-30), SB-46 (20-23)
24I1005	A lab duplicate was not analyzed for associated samples		All ICP Metals	SB-39 (1.5-3.5), SB-37 (2.5-3.5, SB-38 (3-5), CS-1, CS-2, CS-3, CS-4, BS-4
Method SW6020				
24H2129	A lab duplicate was not analyzed for associated samples		All ICP-MS Metals	RB_8.30.24
24I1005	A lab duplicate was not analyzed for associated samples		All ICP-MS Metals	RB_9.16.24
Method SW7473				
24H2129	A lab duplicate was not analyzed for associated samples		All Mercury	SB-47 (25-27), SB-45 (28-30), SB-46 (20-23)
24I0791	A lab duplicate was not analyzed for associated samples		Mercury	RB_9.12.24
Method SW8081				
24I1005	A lab duplicate was not analyzed for associated samples		All Pesticides	RB_9.16.24, CS-1, CS-2, CS-3, CS-4
Method SW8151				
24I0791	A lab duplicate was not analyzed for associated samples		All Herbicides	RB_9.12.24
Method SW8260				
24I079, 24I0889	A lab duplicate was not analyzed for associated samples		All VOC	RB_9.12.24; RB_9.13.24
Method SW8270				
24H2011	Using professional judgement it was determined that LCS Duplicate data were anomalous.	BI40129-BSD1	All SVOC	RB_8.28.24
24H2129, 24I0046	Using professional judgement it was determined that original LCS data used to compare with the LCS duplicate were anomalous.	BI10224 - BS2	All SVOC	RB_8.29.2,RB_8.30.24
24I0221	LCS duplicate was analyzed on a different instrument that the associated sample.	BI40424-BSD1	All SVOC	RB_9.3.24
24I0221	A lab duplicate was not analyzed for associated samples		All SVOC	SB-49 (27-30), SB-48 (28-31), SB-51 (2-4), SB-51 (10-13), SB-20 (1-2.5), SB-21 (1-2.5), RB_9.5.24
24I0746	MS duplicates were run in different analytical batches from the associated SDG samples. The results were not used for evaluation purposes.	BI41021-MSD, BI41292-MSD1	All SVOC	12),SB-17 (25-28),RB_9.9.24 2, SB-19 (1-3),SB-18 (2-5),SB-18 (2-5) ,SB-DUP-2,SB-62 (2-5),SB-DUP-2,SB-23 (18-21) ,SB-23 (18-21),SB-9 (17-20),SB-10 (23-26),SB-11 (20-23),SB-32 (10-12) ,SB-34 (25-27),SB-33 (8-10),SB-62 (2-5),SB-28 (0.5-2),SB-63 (10-12), SB-17 (25-28), RB_9.9.24 2,SB-19 (1-3) ,SB-18 (2-5),SB-DUP-2 ,SB-23 (18-21) ,SB-9 (17-20) ,SB-10 (23-26)
24I0791	A lab duplicate was not analyzed for associated samples		All SVOC	RB_9-12-24
24I0889	A lab duplicate was not analyzed for associated samples		All SVOC	RB_9-13-2,SB-44 (22-25), SB-40 (22-24), SB-41 (5-9), SB-43 (13-15)
24I1005	A lab duplicate was not analyzed for associated samples		All SVOC	SB-39 (1.5-3.5), SB-37 (2.5-3.5, SB-38 (3-5), CS-1, CS-2, CS-3, CS-4

Table B-10b. Laboratory Duplicate Exceedances

SDG	Analytical Batch	Dup Sample Code	Analysis Date	Parameter	RPD or Diff	RPD or Diff Limit	# of Flags
Method SW6010							
24I0746	BI40966	BI40966-DUP1	9/17/24	Arsenic	48.2	35	13 J
				Beryllium	48.5	35	3 J; 10 UJ
				Nickel	57	35	13 J
24I0791	BI40894	BI40894-DUP1	9/17/24	Arsenic	6.01 mg/kg Diff	<2.5 mg/kg Diff	1 J
				Lead	72.5	35	1 J
Method SW6020							
24H1788	BH41853	BH41853-DUP1	8/28/24	Zinc	73.8	20	1 J
24I0746	BI40932	BI40932-DUP1	9/17/24	Chromium	51.4	20	1 J
				Zinc	54.3	20	1 J
24I0791	BI41111	BI41111-DUP1	9/19/24	Copper	4.61 ug/L Diff	<1.0 ug/L Diff	1 J
Method SW7473							
24I1005	BI41307	BI41307	9/20/24	Mercury	151	35	5 J
Method SW8082							
24I0791	BI41112	BI41112-MSD2	9/19/24	Aroclor 1016	63.8	50	0 (1)
24I1005	BI41331	BI41331-BSD2	9/22/24	Aroclor 1016	31.7	30	0 (1)
Method SW8260							
24H1788	BH41960	BH41960-MSD1	8/29/24	1,1,1,2-Tetrachloroethane	54.1	33	0 (1)
				1,1,1-Trichloroethane	44.5	30	0 (1)
				1,1,2-Trichloro-1,2,2-trifluoroethane	57	31	0 (1)
				1,1,2-Trichloroethane	44	40	0 (1)
				1,1-Dichloroethane	39.8	36	0 (1)
				1,1-Dichloroethylene	63.7	31	0 (1)
				1,2,3-Trichlorobenzene	109	47	0 (1)
				1,2,4-Trichlorobenzene	112	52	0 (1)
				1,2-Dibromo-3-chloropropane	68.7	54	0 (1)
				1,2-Dibromoethane	62.5	39	0 (1)
				1,2-Dichlorobenzene	92	52	0 (1)
				1,2-Dichloroethane	49	32	0 (1)
				1,2-Dichloropropane	38.7	37	0 (1)
				1,3,5-Trimethylbenzene	88.7	62	0 (1)
				1,3-Dichlorobenzene	104	51	0 (1)
				1,4-Dichlorobenzene	103	52	0 (1)
				Bromochloromethane	56.1	30	0 (1)
				Bromodichloromethane	47.1	37	0 (1)
				Bromoform	63.5	51	0 (1)
				Carbon disulfide	93.8	36	0 (1)
				Carbon tetrachloride	51.9	31	0 (1)
				Chlorobenzene	76.1	32	0 (1)
				Chloroethane	44.8	40	0 (1)
				Chloroform	43.3	29	0 (1)
				Chloromethane	32.9	31	0 (1)
				cis-1,2-Dichloroethylene	60.6	30	0 (1)
				cis-1,3-Dichloropropylene	71.3	39	0 (1)
				Cyclohexane	72.5	30	0 (1)
				Dibromochloromethane	53.9	41	0 (1)
				Dibromomethane	61	41	0 (1)
				Dichlorodifluoromethane	38.1	34	0 (1)
				Ethyl Benzene	79.8	42	0 (1)

Table B-10b. Laboratory Duplicate Exceedances

SDG	Analytical Batch	Dup Sample Code	Analysis Date	Parameter	RPD or Diff	RPD or Diff Limit	# of Flags
24H1788	BH41960	BH41960-MSD1	8/29/24	Hexachlorobutadiene	102	45	0 (1)
				Isopropylbenzene	82.3	57	0 (1)
				Methylcyclohexane	92	30	0 (1)
				n-Butylbenzene	116	96	0 (1)
				n-Propylbenzene	99.9	56	0 (1)
				o-Xylene	71.1	51	0 (1)
				p-&m- Xylenes	81.5	47	0 (1)
				p-Isopropyltoluene	105	60	0 (1)
				sec-Butylbenzene	101	56	0 (1)
				Styrene	86.8	39	0 (1)
				tert-Butylbenzene	88.5	79	0 (1)
				Tetrachloroethylene	80.8	33	0 (1)
				Toluene	61.5	50	0 (1)
				trans-1,2-Dichloroethylene	82.2	30	0 (1)
				trans-1,3-Dichloropropylene	84.5	30	0 (1)
				Trichloroethylene	77.1	30	0 (1)
				Trichlorofluoromethane	43.6	30	0 (1)
				Vinyl Chloride	54.2	35	0 (1)
24H2011	BI40098	BI40098-BSD1	9/3/24	4-Methyl-2-pentanone	42.1	30	0 (1)
				Bromomethane	175	30	0 (1)
				Chloroethane	169	30	0 (1)
				Trichlorofluoromethane	58.6	30	6 J
24I0294	BI40628	BI40628-BSD1	9/11/24	Trichloroethylene	58.1	30	0 (1)
24I0791	BI41353	BI41353-MSD1	9/23/24	1,1,1-Trichloroethane	42.3	30	0 (2)
				1,1,2-Trichloro-1,2,2-trifluoroethane	50	31	0 (2)
				1,1-Dichloroethylene	42.8	31	0 (2)
				Carbon disulfide	42.7	36	0 (2)
				Carbon tetrachloride	46	31	0 (2)
				Chloromethane	37.3	31	0 (2)
				Cyclohexane	46.9	30	0 (2)
				Dichlorodifluoromethane	54	34	0 (2)
				Methylcyclohexane	54.4	30	0 (2)
				Tetrachloroethylene	42.5	33	0 (2)
				trans-1,2-Dichloroethylene	32.4	30	0 (2)
				Trichloroethylene	32.6	30	0 (2)
				Trichlorofluoromethane	47.2	30	0 (2)
				Vinyl chloride	45.1	35	0 (2)
24I0889	BI41482	BI41482-BSD1	9/24/24	1,4-Dioxane	68.5	30	3 UJ
24I0889	BI41572	BI41572-BSD1	9/25/24	Bromomethane	32.4	30	1 UJ
				Carbon disulfide	31	30	1 UJ
				Chloromethane	49	30	0 (3)
				Dichlorodifluoromethane	92.2	30	0 (3)
				Vinyl Chloride	38.7	30	1 UJ
Method SW8270							
24H1788	BH41993	BH41993-MSD1	8/29/24	4,6-Dinitro-2-methylphenol	46	30	0 (1)
				Hexachlorocyclopentadiene	34.2	30	0 (1)

Table B-10b. Laboratory Duplicate Exceedances

SDG	Analytical Batch	Dup Sample Code	Analysis Date	Parameter	RPD or Diff	RPD or Diff Limit	# of Flags
24H2011	BI40071	BI40071-MSD1	9/4/24	Benzoic Acid	200	30	0 (1)
				Pyridine	33.1	30	0 (1)
24H2011	BI40129	BI40129-BSD1	9/5/24	All SVOC Data (51 Compounds)	>20	20	0 (2)
24H2129	BI40224	BI40224-BS1	9/6/24	All SVOC Data (51 Compounds)	>20	20	0 (2)
24I0221	BI40424	BI40424-BSD1	9/10/24	2,4-Dinitrophenol	29.8	20	0 (1)
				Benzoic Acid	42.4	20	0 (1)
				Hexachlorocyclopentadiene	25	20	0 (1)
				Pyridine	43.2	20	0 (1)
24I0746	BI40886	BI40886-BSD1	9/16/24	4-Chloroaniline	20.7	20	1 UJ
24I0791	BI41192	BI41192-MSD1	9/20/24	20 SVOC Results	>30	30	0 (1)
24I0791	BI41192	BI41192-MSD2	9/20/24	4,6-Dinitro-2-methylphenol	57.8	30	0 (1)
				Nitrobenzene	154	30	0 (1)
24I1005	BI41277	BI41277-BSD1	9/23/24	3- & 4-Methylphenols	186	20	0 (3)
				Aniline	21.7	20	0 (3)
				Bis(2-chloroethyl) ether	22.2	20	1 UJ

***Notes:**

1) Associated results for the MS source sample were not detected above the MDL. Qualifiers not required.

2) It was determined that the exceedances were associated to the paired LCS or LCS duplicate (or MS/MS duplicate) only. Duplicate measurements were not used to evaluate precision for the this analytical batch. It was noted that only field rinsate blanks were affected by these omissions.

3) Associated results were already qualified for another QC exceedance.

Table B-11. Matrix Spike Recovery Exceedances

SDG	Analytical Batch	Source Sample Code	MS Sample Code	Analysis Date	Parameter	% Recovery	QC Rec %	# of Flags
Method SW6010								
24H1788	BH41988	SB-2 (0.5-4)	BH41988-MS1	8/30/24	Antimony	24.1	75-125	1 J
24I0046	BH40186	SB-25 (1-3)	BH40186-MS1	9/6/24	Antimony	36.6	75-125	1 UJ
					Copper	131	75-125	1 J
					Lead	184	75-125	1 J
					Zinc	147	75-125	1 J
24I0746	BI40966	SB-18 (2-5)	BH40966-MS1	9/17/24	Antimony	10	75-125	1 UJ
					Lead	54.2	75-125	0 (2)
					Nickel	49	75-125	0 (2)
					Zinc	14.1	75-125	0 (2)
24I0791	BI40894	SB-35 (1-4)	BI40894-MS1	9/23/24	Antimony	33	75-125	1 UJ
					Copper	226	75-125	1 J+
24I0791	BI40967	SB-15 (20-23)	BI40967-MS1	9/18/24	Antimony	25	75-125	1 UJ
					Copper	195	75-125	1 J+
Method SW7473								
24I0746	BI40871	SB-18 (2-5)	BI40871-MS1	9/15/24	Mercury	62.9	75-125	1 J-
Method SW8260								
24H1788	BH41960	SB-2 (0.5-4)	BH41960-MS1	8/29/24	Methylcyclohexane	61.8	70-130	0 (2)
24H1788	BH41960	SB-2 (0.5-4)	BH41960-MSD1	8/29/24	1,2,3-Trichlorobenzene	6.98	10-157	0 (2)
					1,2,4-Trichlorobenzene	6.08	10-151	0 (2)
					1,2-Dibromoethane	33.9	40-142	0 (2)
					Acrolein	3.66	10-192	0 (2)
					cis-1,2-Dichloroethylene	37.9	42-144	0 (2)
					Cyclohexane	38.2	70-130	0 (2)
					Dibromomethane	36	47-143	0 (2)
					Methylcyclohexane	22.9	70-130	0 (2)
					n-Butylbenzene	8.52	10-162	0 (2)
					Tetrachloroethylene	20.6	30-167	0 (2)
					trans-1,2-Dichloroethylene	24.6	29-153	0 (2)
24H0791	BI41353	SB-15 (20-23)	BI41353-MS1	9/23/24	1,1,2,2-Tetrachloroethane	0	15-167	1 R
					Acetone	207	10-196	0 (2)
					Acrolein	7.12	10-192	0 (1)
					Cyclohexane	38.1	70-130	1 UJ
					Isopropylbenzene	-75.4	10-162	1 R
					Methyl acetone	0	10-149	1 R
					Methylcyclohexane	-13.6	70-130	1 R
					n-Butylbenzene	-222	10-162	1 R
					n-Propylbenzene	-187	10-155	1 R
					sec-Butylbenzene	-91.7	10-157	1 R
24H0791	BI41353	SB-15 (20-23)	BI41353-MSD1	9/23/24	1,1,2,2-Tetrachloroethane	0	16-167	0 (1)
					Acrolein	6.04	10-192	1 R
					Cyclohexane	61.4	70-130	0 (1)
					Isopropylbenzene	-51.1	10-162	0 (1)
					Methyl acetone	0	10-149	0 (1)
					Methylcyclohexane	10.7	70-130	0 (1)
					n-Butylbenzene	-208	10-162	0 (1)
					n-Propylbenzene	-168	10-155	0 (1)
					sec-Butylbenzene	-70.5	10-157	0 (1)

Table B-11. Matrix Spike Recovery Exceedances

SDG	Analytical Batch	Source Sample Code	MS Sample Code	Analysis Date	Parameter	% Recovery	QC Rec %	# of Flags
24H0791	BI41353	SB-35 (1-4)	BI41353-MS2	9/23/24	1,1,2,2-Tetrachloroethane	289	16-167	0 (3)
					1,2-Dibromo-3-chloropropane	198	36-138	0 (3)
					Cyclohexane	61.2	70-130	1 UJ
					n-Butylbenzene	228	10-162	0 (3)
					n-Propylbenzene	228	10-155	0 (3)
24H0791	BI41353	SB-35 (1-4)	BI41353-MSD2	9/23/24	1,1,2,2-Tetrachloroethane	174	16-167	0 (3)
					1,2-Dibromo-3-chloropropane	174	36-138	0 (3)
					2-Hexanone	200	10-181	0 (3)
					Cyclohexane	67.2	70-130	0 (1)
					Isopropylbenzene	166	10-162	0 (3)
					n-Butylbenzene	250	10-162	0 (3)
					n-Propylbenzene	245	10-155	0 (5)
Method SW8270								
24H1788	BH41993	SB-2 (0.5-4)	BH41993-MSD1	8/29/24	Benzo(g,h,i)perylene	0	10-138	0 (2)
24H2011	BI40071	SB-22 (16-18)	BI40071-MS1	9/4/24	3,3-Dichlorobenzidine	222	10-155	0 (1)
					Benzoic acid	0	10-166	0 (2)
24H2011	BI40071	SB-22 (16-18)	BI40071-MSD1	9/4/24	3,3-Dichlorobenzidine	207	10-155	0 (1)
24I0791	BI41192	SB-35 (1-4)	BI41192-MS1	9/20/24	3,3-Dichlorobenzidine	8.24	10-155	0 (4)
					Phenol	3.68	10-126	0 (4)
24I0791	BI41192	SB-35 (1-4)	BI41192-MSD1	9/20/24	2,4-Dinitrophenol	9.65	10-171	0 (4)
					Benzoic acid	5.44	10-166	0 (4)
24I0791	BI41192	SB-15 (20-23)	BI41192-MS2	9/20/24	2-Methylnaphthalene	187	10-147	1 J+
					Caprolactam	628	10-132	0 (3)
					Nitrobenzene	8.11	10-131	2 UJ
24I0791	BI41192	SB-15 (20-23)	BI41192-MSD2	9/20/24	2-Methylnaphthalene	164	10-147	0 (1)
					Caprolactam	533	10-132	0 (5)

Notes:

1) Associated sample results were already flagged for the paired MS or MSD recovery exceedance.

2) Associated sample results were already flagged for another QC sample exceedance.

3) Associated sample results were less than the MDL.

4) Less stringent QC limits were used for soil samples as noted in the EPA data validation guidelines.

5) Associated sample(s) was diluted. Matrix Spike recovery not used for evaluation purposes.

Table B-12. Summary of Serial Dilution Exceedances

SDG	QC Batch	Source Sample	SD Sample	Analytical Date	Parameter	% Difference	Control Limits (%)	Flags
Method 6010								
24H1788	BH41988	SB-2 (0.5-4)	S4H3022-SRD4	8/30/24	Chromium	74.7	25 (1)	1 J
					Copper	77.5	25 (1)	1 J
					Lead	74.4	25 (1)	1 J
					Nickel	74.5	25 (1)	1 J
					Zinc	73.2	25 (1)	1 J
24I0746	BH40966	SB-18 (2-5)	S4I1735-SRD9	9/16/24	Selenium	50.1	25 (1)	0 (2)
24I0791	BH40894	SB-35 (1-4)	S4I1711-SRD2	9/17/24	Zinc	32.3	25 (1)	0 (2)
24I0791	BH40967	SB-15 (20-23)	S4I1818-SRD5	9/18/24	Arsenic	49.4	25 (1)	0 (2)
					Chromium	36.8	25 (1)	1 J
					Lead	61.7	25 (1)	1 J
					Nickel	42.5	25 (1)	1 J
					Zinc	50.8	25 (1)	1 J
Method SW6020								
24I0046	BI40186	SB-25 (1-3)	S4I0607-SRD1	9/6/24	Zinc	26.7	25 (1)	0 (2)
24I0791	BI41111	RB_9.12.24	S4I1917-SRD1	9/19/24	Zinc	46.9	15	0 (2)

Notes:

1) Less stringent QC limits were used for soil samples as noted in the EPA data validation guidelines.

2) Associated sample was already qualified for another QC exceedance.

Table B-13. Surrogate/Internal Standard Exceedances (Organics)

SDG	Field Sample ID	Lab Sample ID	Analysis Date	Surrogate	% Rec	QC Range % Recovery	#Flags
Method SW8082							
24H1788	SB-2 (0.5-4)	24H1788-02	8/30/24	Decachlorobiphenyl	27.5	30-120	0 (1)
24I0221	RB_9.3.24	24I0221-04	9/11/24	Decachlorobiphenyl	29	30-120	0 (1)
Method SW8260							
24H1788	SB-3 (14-16)	24H1788-04	8/29/24	p-Bromofluorobenzene	157	76-130	0 (2)
24H1788	SB-5 (17.5-20)	24H1788-05	8/29/24	p-Bromofluorobenzene	229	76-130	0 (2)
24H2011	SB-8 (25-28)	24H2011-01	9/3/24	p-Bromofluorobenzene	219	76-130	10 J+
24H2011	SB-6 (21-23)	24H2011-05	9/3/24	p-Bromofluorobenzene	481	76-130	10 J+
24H2011	SB-24 (23-25)	24H2011-06	9/3/24	p-Bromofluorobenzene	424	76-130	8 J+
24H2011	SB-14 (12-15)	24H2011-07	9/3/24	p-Bromofluorobenzene	700	76-130	10 J+
24H2181	SB-47 (25-27)	24H2181-01	9/3/24	1,2-Dichloroethane-d4	189	77-125	0 (2)
				p-Bromofluorobenzene	207	76-130	12 J+
24I0046	SB-42 (1-3)	24I0046-01	9/4/24	p-Bromofluorobenzene	170	76-130	4 J+
24I0046	SB-25 (1-3)	24I0046-02	9/5/24	Toluene-d8	121	85-120	0 (2)
24I0221	SB-60 (3-6)	24I0221-02	9/10/24	p-Bromofluorobenzene	182	76-130	0 (2)
24I0294	SB-48 (28-31)	24I0294-02	9/10/24	1,2-Dichloroethane-d4	144	77-125	0 (2)
24I0746	SB-23 (18-21)	24I0746-09	9/20/24	p-Bromofluorobenzene	152	76-130	2 J+
24I0746	SB-63 (10-12)	24I0746-03	9/19/24	p-Bromofluorobenzene	158	76-130	0 (2)
24I0746	SB-17 (25-28)	24I0746-04	9/19/24	p-Bromofluorobenzene	146	76-130	0 (2)
24I0746	SB-23 (18-21) (2)	24I0746-09 (2)	9/20/24	p-Bromofluorobenzene	152	76-130	0 (2)
24I0746	SB-62 (2-5)	24I0746-01	9/20/24	p-Bromofluorobenzene	136	76-130	0 (2)
24I0791	SB-15 (20-23)	24I0791-05	9/23/24	p-Bromofluorobenzene	146	76-130	0 (3)
24I0791	SB-DUP-3	24I0791-06	9/23/24	p-Bromofluorobenzene	171	76-130	6 J+
24I0791	SB-16 (21-13)	24I0791-03	9/23/24	p-Bromofluorobenzene	52	76-130	4 J+;8 UJ
24I0791	SB-12 (10-12)	24I0791-04	9/23/24	p-Bromofluorobenzene	153	76-130	1 J+
24I0889	SB-43 (13-15)	24I0889-04	9/25/24	Toluene-d8	256	85-120	0 (2)
24I1005	SB39 (1.5-3.5)	24I1005-01	9/25/24	Toluene-d8	178	85-120	0 (2)
Method SW8270							
24H2011	SB-8 (25-28)	24H2011-01	9/4/24	Nitrobenzene-d5	120	22-108	0 (2)
24H2011	SB-7 (15-18	24H2011-02	9/4/24	Nitrobenzene-d5	137	22-108	0 (4)
24H2011	SB-14 (12-15)	24H2011-07	9/4/24	Nitrobenzene-d5	178	22-108	0 (4)
24H2129	RB_8.29.24	24H2129-04	9/6/24	2-Fluorobiphenyl	106	39.9-105	0 (2)
				Terphenyl-d14	109	30.7-106	0 (2)
24I0046	SB-42 (20-23)	24I0046-01	9/5/24	2,4,6-Tribromophenol	121	19-110	0 (2)
24I0221	SB-30 (4-6)	24I0221-01	9/11/24	2,4,6-Tribromophenol	119	19-110	0 (2)
	SB-61 (2-5)	24I0221-05	9/11/24	2,4,6-Tribromophenol	8.04	19-110	0 (3)
	SB-26 (5-6)	24I0221-03	9/11/24	2,4,6-Tribromophenol	126	19-110	0 (2)
24I0791	SB-DUP-3	24I0791-06	9/20/24	Nitrobenzene-d5	117	22-108	0 (4)
24I0791	SB-DUP-3	24I0791-06 RE	9/23/24	Nitrobenzene-d5	199	22-108	0 (4)
				2,4,6-Tribromophenol	122	21-113	0 (4)
24I0791	SB-12 (10-12)	24I0791-04	9/20/24	2-Fluorobiphenyl	9.04	20-108	0 (4)
				Pnenol-d6	20.2	23-114	0 (4)
				2,4,6-Tribromophenol	4.72	19-110	0 (4)
24I0889	SB-43 (13-15)	24I0889-04	9/24/24	Nitrobenzene-d5	125	22-108	0 (3)

Notes:

1) Using professional judgement, it was determined that this exceedance did not affect the associated sample results. Exceedance was minor and all the associated results were reported as non-detected, including a duplicate of this sample.

2) Associated compounds were not detected. No action taken.

3) Sample results were already qualified for another QC exceedance.

4) Associated sample was diluted. Surrogate recovery not used.

Table B-14. Internal Standard Exceedances

SDG	Field Sample ID	Lab Sample ID	Analysis Date	Surrogate	Area %	Area% Limits	#Flags
Method SW8260							
24H2011	SB-14 (12-15)	24H2011-07	9/3/24	1,2-Dichlorobenzene-d4	256	50-200	0 (1)
24H2129	SB-47 (25-27)	24H2181-01	9/3/24	Fluorobenzene	532	50-200	1 J-
24I0046	SB-25 (1-3)	24I0046-02	9/5/24	1,2-Dichlorobenzene-d4	44	50-200	4 UJ
24I1005	SB-39 (1.5-3.5)	24I1005-01	9/25/24	Chlorobenzene-d5	32	50-200	14 UJ
				1,2-Dichlorobenzene-d4	12	50-200	2 J+; 4 R
Method SW8270							
24I0221	RB_9.3.24	24I0221-04	9/10/24	1,4-Dichlorobenzene-d4	3	50-200	All R (2)
				Napthalene-d8	3	50-200	All R (2)
				Acenaphthene-d10	4	50-200	All R (2)
				Phenanthrene-d10	3	50-200	All R (2)
				Chrysene-d12	3	50-200	All R (2)
				Perylene-d12	3	50-200	All R (2)
24I0221	SB-60 (3-6)	24I0221-02	9/11/24	Napthalene-d8	210	50-200	0 (1)
				Acenaphthene-d10	294	50-200	0 (1)
				Chrysene-d12	209	50-200	0 (1)
				Perylene-d12	229	50-200	0 (1)

1) Associated results were not detected.

2) All results were rejected for the sample (total of 51 R) due to the extremely low %Areas for all of the internal standards. In additional the RT time shift was greater than 30 secs the RT for the associated CCV. It was noted that this sample was a rinsate blank.

DATA USABILITY SUMMARY REPORT
NYSDEC CATEGORY B
(USEPA STAGE 3 VALIDATION)

REMINGTON ARMS
GROUNDWATER WELL CONSTRUCTION SAMPLES
INORGANIC, ORGANIC AND PHYSICAL ANALYSES
SEPTEMBER 26-27, 2024

YORK LABORATORY WORK ORDERS: 24I1803 AND 24I1810
ALS LABORATORIES WORK ORDERS: R2409957 AND R2409958

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December 2024

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GLOSSARY OF TERMS

(Not all these terms may be used in this document)

CCB .....Continuing Calibration Blank
CCV .....Continuing Calibration Verification Standard
CLP.....Contract Laboratory Program
Coeff.....Coefficient (Correlation)
%Diff.....Difference (%)
DUSR.....Data Usability Summary Report
EPA .....U.S. Environmental Protection Agency
FAP .....Field Activities Plan
GC-MS.....Gas Chromatograph/Mass Spectrometer
HT .....Hold Time
ICB .....Initial Calibration Blank
ICP-MS .....Inductively Coupled Plasma – Mass Spectroscopy
ICS.....Interference Check Sample
ICV .....Initial Calibration Verification
IS.....Internal Standard
LCS.....Laboratory Control Sample
MB .....Method Blank
MDL .....Method Detection Limit
MS .....Matrix Spike
MSD .....Matrix Spike Duplicate
NA.....Not Applicable
NYSDEC.....New York State Department of Environmental Conservation
PARCC.....Precision, Accuracy, Representation, Completeness & Comparability
PCBs.....Polychlorinated biphenyl (Aroclors)
PFAS.....Perfluoroalkyl Substances
PRDL .....Project Required Detection Limit
QA.....Quality Assurance
QAPP.....Quality Assurance Project Plan
QC.....Quality Control
RF.....Response Factor
Rec.....Recovery
RL.....Reporting Limit
RPD .....Relative Percent Difference
RSD .....Relative Standard Deviation
SCG .....Standard Criteria or Guidance
SD .....Serial Dilution

GLOSSARY OF TERMS (Cont.)

SDG.....Sample Delivery Group
SURR.....Surrogate
SVOC.....Semi-Volatile Organic Compounds
TOC.....Total Organic Carbon
USEPA.....United States Environmental Protection Agency
VOC.....Volatile Organic Compounds

DATA USABILITY SUMMARY REPORT

This Data Usability Summary Report (DUSR) is for groundwater well construction samples collected on September 26 and 27, 2024, at the Remington Arms Site in Ilion, New York. These samples were collected, analyzed, and validated using the Generic Field Activities Plan (FAP) for Work Assignments (HRP, 2019b), Generic Quality Assurance Project Plan (QAPP) for Work Assignments (HRP, 2019a), and the Target Brownfield Sites, Herkimer County, NY – Generic QAPP 5-9-24 Addendum: Remington Arms Multiple Parcels, Ilion, New York (HRP, 2024). Samples were collected by HRP Associates, Inc.

Inorganic, organic and physical constituents for these samples were validated using EPA guidelines for data validation, including Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use (EPA, 2009), National Functional Guidelines for Inorganic Superfund Method Data Review (EPA, 2020a), National Functional Guidelines for Organic Superfund Method Data Review (EPA, 2020b). The validation level used to review this data was the New York State Department of Environmental Conservation (NYSDEC) Category B procedure (EPA Stage 3), according to the QAPP.

Samples were analyzed for physical, inorganic and organic constituents by York Analytical Laboratories, Inc. in Stratford, Connecticut, using work orders 24I1803 AND 24I1810; and ALS Environmental Laboratories, Inc. in Rochester, New York, using work orders: R2409957 and R2409958.

The sample delivery groups (SDG), and analytical methods are listed in Table A-1. Data validation codes and definitions are listed in Table A-2, and a summary of qualified data is in Table A-3. Table A-4 summarized the precision, accuracy, representation, completeness & comparability (PARCC) for this sample event's data. These tables are in Appendix A.

Detailed field and laboratory Quality Assurance/Quality Control (QA/QC) summary forms and tables are in Appendix B.

Other issues that were noted during this data review:

- Detected results for methods SW8260 (VOC) and SW8270 (SVOC) were reported down to the method detection limit (MDL). Detected results less than the laboratories reporting limits (RL) but greater than the MDL were given an analytical qualifier of "J" by the laboratory. In addition, these data were given a validation flag of "J", if the results were not qualified for other QC exceedances.
- Detected results for method SW6020 (metals) were reported down to the MDL by the laboratory. However, the project's QAPP stated that metals should be reported down to the RL, not the MDL. To adhere to the project's SAP, the detected results that were less than the RL

were reported as undetected (U) at the RL. All undetected (U) data were reported at the RL. This was done so the data's comparability can be consistent throughout the project.

- Trip blanks were not submitted for this sampling event. Therefore, possible low-level cross-contamination during shipping could not be measured.
- Field notes were not submitted for this sampling event. The station where the field duplicate sample was collected was obtained by an email from the project manager.
- The original laboratory reports from the York laboratory did not contain Category B QC data for the metal analyses. These were subcontracted to ALS Analytical Laboratories. York requested Category B QC data from ALS and the report was revised to include these data.
- Due to a dry well, station MW-7 was not sampled as stated in the project's SAP.

Conclusion

Of 1783 measurements, 1766 (99.0%) of the data reviewed for the September 2024 Remington Arms Groundwater Well Construction Sampling event, were acceptable and can be used for the purpose they were intended, if the qualified data (243 measurements) are used with caution. Seventeen (17) measurements were rejected due to gross QC exceedances. These measurements should not be used for the purpose of this project.

Data Validation Report by: Linda L. Tangen

Contractor Review: Cassy George

HRP Associated, Inc.

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APPENDIX A

TABLES

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Groundwater Well Project

September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
ALS	R2409957	Remington_IDW	6010B AND 6020	R2409957-01
	R2409958	DUP-1	E200.8	R2409958-002
		MW-1	E200.8	R2409958-001
		MW-2	E200.8	R2409958-003
		MW-3	E200.8	R2409958-004
		MW-4	E200.8	R2409958-007
		MW-5	E200.8	R2409958-005
		MW-6	E200.8	R2409958-008
		MW-8	E200.8	R2409958-009
		RINSATE BLANK 1	E200.8	R2409958-006
		RINSATE BLANK 2	E200.8	R2409958-010
York	24I1803	Remington_IDW	E170.1	24I1803-01
			SW1010	24I1803-01
			SW7.3.3.2	24I1803-01
			SW7.3.4.2	24I1803-01
			SW7470	24I1803-01
			SW8081	24I1803-01
			SW8082	24I1803-01
			SW8151	24I1803-01
			SW8260	24I1803-01
			SW8260	24I1803-01RE1
			SW8270	24I1803-01
			SW8270DSIM	24I1803-01
			SW9045D	24I1803-01
	24I1810	DUP-1	SW7470	24I1810-02
			SW8082	24I1810-02
			SW8260	24I1810-02
			SW8270	24I1810-02
			SW8270DSIM	24I1810-02
		MW-1	SW7470	24I1810-01
			SW8082	24I1810-01
			SW8260	24I1810-01
			SW8270	24I1810-01
			SW8270DSIM	24I1810-01
		MW-2	SW7470	24I1810-03
			SW8260	24I1810-03RE1
			SW8260	24I1810-03

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Groundwater Well Project

September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I1810	MW-2	SW8270	24I1810-03
			SW8270DSIM	24I1810-03
		MW-3	SW7470	24I1810-04
			SW8260	24I1810-04
			SW8270	24I1810-04
			SW8270DSIM	24I1810-04
		MW-4	SW7470	24I1810-07
			SW8260	24I1810-07
			SW8260	24I1810-07RE1
			SW8270	24I1810-07
			SW8270DSIM	24I1810-07
		MW-5	SW7470	24I1810-05
			SW8260	24I1810-05
			SW8270	24I1810-05
			SW8270DSIM	24I1810-05
		MW-6	SW7470	24I1810-08
			SW8082	24I1810-08
			SW8260	24I1810-08
			SW8270	24I1810-08
			SW8270DSIM	24I1810-08
			SW8270DSIM	24I1810-08RE1
		MW-8	SW7470	24I1810-09
			SW8260	24I1810-09
			SW8270	24I1810-09
			SW8270DSIM	24I1810-09
			SW8270DSIM	24I1810-09RE1
		Rinsate Blank 1	SW7470	24I1810-06
			SW8082	24I1810-06
			SW8260	24I1810-06
			SW8270	24I1810-06
			SW8270DSIM	24I1810-06
		Rinsate Blank 2	SW7470	24I1810-10
			SW8082	24I1810-10
			SW8260	24I1810-10
			SW8270	24I1810-10
			SW8270DSIM	24I1810-10
			SW8270DSIM	24I1810-10RE1

Table A-2. Data Validation Codes and Definitions
Remington Arms - Groundwater Well Project
September 2024 Sampling Event

Qualifier	Description
J	Estimated value
J-	Estimated with negative bias
J+	Estimated with positive bias
R	Rejected data
UJ	True result is estimated to be less than the reported value

Table A-3. Summary of Qualified Data
Remington Arms - Groundwater Well Project
September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date*		*Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
MW-1							
DUP-1	**24I1810-02**	**9/26/2024**					
1,1-Dichloroethane			<	0.272	ug/l	UJ	LCS - 80.8% Rec
1,4-Dioxane			<	35.3	ug/l	UJ	CCV - 41.0% Diff
2,3,4,6-Tetrachlorophenol			<	2.5	ug/l	UJ	CCV - 22.0% Diff
2,4-Dinitrophenol			<	2.5	ug/l	UJ	CCV - 109% Diff
2,4-Dinitrotoluene			<	2.5	ug/l	UJ	CCV - 26.1% Diff
2-Nitrophenol			<	2.5	ug/l	UJ	CCV - 21.4% Diff
4,6-Dinitro-2-methylphenol			<	2.5	ug/l	UJ	CCV - 143% Diff
Acenaphthylene				1.01	ug/l	J	Field Dup - 36.3 RPD
Acetone				6.87	ug/l	J+	LCSD - 215% Rec; MSD - 130% Rec
Acrolein			<	0.447	ug/l	UJ	CCV - 49.8% Diff
Bromochloromethane			<	0.354	ug/l	UJ	CCV - 22.2% Diff
Chlorobenzene			<	0.284	ug/l	UJ	LCS - 86.9% Rec
Chloroform			<	0.243	ug/l	UJ	LCS - 81.7% Rec;
Chloromethane			<	0.372	ug/l	UJ	CCV - 48.3% Diff
cis-1,2-Dichloroethene			<	0.294	ug/l	UJ	LCS - 80.6% Rec;
Dichlorodifluoromethane			<	0.451	ug/l	UJ	CCV - 60.9% Diff
Diphenylamine			<	2.5	ug/l	UJ	CCV - 0% Diff
Hexachlorobutadiene			<	0.241	ug/l	UJ	CCV - 25.2% Diff
Hexachlorocyclopentadiene			<	5	ug/l	UJ	CCV - 25.3% Diff
N-Nitrosodiphenylamine			<	2.5	ug/l	UJ	CCV - 27.3% Diff
Pentachlorophenol			<	0.25	ug/l	UJ	CCV - 35.4% Diff
Tert-Butyl Alcohol				0.92	ug/l	J	Result <RL & >MDL
Tetrachloroethene			<	0.239	ug/l	UJ	LCS - 44.4% Rec
Vinylchloride			<	0.469	ug/l	UJ	CCV - 39.8% Diff; MSD - 47.3 RPD
MW-1	**24I1810-01**	**9/26/2024**					
1,1-Dichloroethane			<	0.272	ug/l	UJ	LCS - 80.8% Rec
1,4-Dioxane			<	35.3	ug/l	UJ	CCV - 41.0% Diff
2,3,4,6-Tetrachlorophenol			<	2.5	ug/l	UJ	CCV - 22.0% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Groundwater Well Project
September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date*		*Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
MW-1							
MW-1	**24I1810-01**	**9/26/2024**					
2,4-Dinitrophenol			<	2.5	ug/l	UJ	CCV - 109% Diff
2,4-Dinitrotoluene			<	2.5	ug/l	UJ	CCV - 26.1% Diff
2-Nitrophenol			<	2.5	ug/l	UJ	CCV - 21.4% Diff
4,6-Dinitro-2-methylphenol			<	2.5	ug/l	UJ	CCV - 143% Diff
Acenaphthylene				0.7	ug/l	J	Field Dup - 36.3 RPD
Acetone				5.91	ug/l	J+	LCSD - 215% Rec; MSD - 130% Rec
Acrolein			<	0.447	ug/l	UJ	CCV - 49.8% Diff
Bromochloromethane			<	0.354	ug/l	UJ	CCV - 22.2% Diff
Chlorobenzene			<	0.284	ug/l	UJ	LCS - 86.9% Rec
Chloroform			<	0.243	ug/l	UJ	LCS - 81.7% Rec;
Chloromethane			<	0.372	ug/l	UJ	CCV - 48.3% Diff
cis-1,2-Dichloroethene			<	0.294	ug/l	UJ	LCS - 80.6% Rec;
Dichlorodifluoromethane			<	0.451	ug/l	UJ	CCV - 60.9% Diff
Diphenylamine			<	2.5	ug/l	UJ	CCV - 0% Diff
Hexachlorobutadiene			<	0.241	ug/l	UJ	CCV - 25.2% Diff
Hexachlorocyclopentadiene			<	5	ug/l	UJ	CCV - 25.3% Diff
N-Nitrosodiphenylamine			<	2.5	ug/l	UJ	CCV - 27.3% Diff
Pentachlorophenol			<	0.25	ug/l	UJ	CCV - 35.4% Diff
Tert-Butyl Alcohol				0.86	ug/l	J	Result <RL & >MDL
Tetrachloroethene			<	0.239	ug/l	UJ	LCS - 44.4% Rec
Vinylchloride			<	0.469	ug/l	UJ	CCV - 39.8% Diff; MSD - 47.3 RPD
MW-2							
MW-2	**24I1810-03**	**9/26/2024**					
1,1-Dichloroethane			<	0.272	ug/l	UJ	LCS - 80.8% Rec
1,4-Dioxane			<	35.3	ug/l	UJ	CCV - 41.0% Diff
2,4-Dichlorophenol			<	2.81	ug/l	UJ	CCV - 20.4% Diff
2,4-Dinitrophenol			<	2.81	ug/l	UJ	CCV - 48.9% Diff
2,4-Dinitrotoluene			<	2.81	ug/l	UJ	CCV - 24.9% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Groundwater Well Project
September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
MW-2					
MW-2	**24I1810-03**	**9/26/2024**			
3- And 4- Methylphenol (Total)		< 2.81	ug/l	UJ	CCV - 98.7% Diff
4,6-Dinitro-2-methylphenol		< 2.81	ug/l	UJ	CCV - 89.3% Diff
4-Nitrophenol		< 5.62	ug/l	UJ	CCV - 93.7% Diff
Acenaphthylene		0.607	ug/l	J	Field Dup - 36.3 RPD
Acetone		3.14	ug/l	J+	LCSD - 215% Rec; MSD - 130% Rec
Acrolein		< 0.447	ug/l	UJ	CCV - 49.8% Diff
Aniline		< 2.81	ug/l	UJ	CCV - 67.6% Diff
Benzidine		< 5.62	ug/l	UJ	CCV - 26.7% Diff
Benzoic acid		< 2.81	ug/l	R	LCS - 0% Rec
bis(2-Chloroethyl)ether		< 1.12	ug/l	UJ	CCV - 138% Diff
bis(2-Chloroisopropyl)ether		< 2.81	ug/l	UJ	CCV - 22.8% Diff
Bromochloromethane		< 0.354	ug/l	UJ	CCV - 22.2% Diff
Chlorobenzene		< 0.284	ug/l	UJ	LCS - 86.9% Rec
Chloroform		< 0.243	ug/l	UJ	LCS - 81.7% Rec;
Chloromethane		< 0.372	ug/l	UJ	CCV - 48.3% Diff
cis-1,2-Dichloroethene		0.33	ug/l	J-	LCS - 80.6% Rec; Result <RL & >MDL
Dichlorodifluoromethane		< 0.451	ug/l	UJ	CCV - 60.9% Diff
Ethylbenzene		0.48	ug/l	J	Result <RL & >MDL
Hexachlorobutadiene		< 0.241	ug/l	UJ	CCV - 25.2% Diff
Tetrachloroethene		0.31	ug/l	J-	LCS - 44.4% Rec; Result<RL&>MDL; MSD-174% R
Vinylchloride		< 0.469	ug/l	UJ	CCV - 39.8% Diff; MSD - 47.3 RPD
MW-3					
MW-3	**24I1810-04**	**9/26/2024**			
1,1-Dichloroethane		< 0.272	ug/l	UJ	LCS - 80.8% Rec
1,4-Dioxane		< 35.3	ug/l	UJ	CCV - 41.0% Diff
2,4-Dichlorophenol		< 2.63	ug/l	UJ	CCV - 20.4% Diff
2,4-Dinitrophenol		< 2.63	ug/l	UJ	CCV - 48.9% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Groundwater Well Project
September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
MW-3					
MW-3	**24I1810-04**	**9/26/2024**			
2,4-Dinitrotoluene		< 2.63	ug/l	UJ	CCV - 24.9% Diff
3- And 4- Methylphenol (Total)		< 2.63	ug/l	UJ	CCV - 98.7% Diff
4,6-Dinitro-2-methylphenol		< 2.63	ug/l	UJ	CCV - 89.3% Diff
4-Nitrophenol		< 5.26	ug/l	UJ	CCV - 93.7% Diff
Acenaphthylene		< 0.0526	ug/l	UJ	Field Dup - 36.3 RPD
Acetone		1.63	ug/l	J+	LCSD - 215% Rec; Diff; Result <RL&>MDL;MSD-130% R
Acrolein		< 0.447	ug/l	UJ	CCV - 49.8% Diff
Aniline		< 2.63	ug/l	UJ	CCV - 67.6% Diff
Benzidine		< 5.26	ug/l	UJ	CCV - 26.7% Diff
Benzoic acid		< 2.63	ug/l	R	LCS - 0% Rec
bis(2-Chloroethyl)ether		< 1.05	ug/l	UJ	CCV - 138% Diff
bis(2-Chloroisopropyl)ether		< 2.63	ug/l	UJ	CCV - 22.8% Diff
Bromochloromethane		< 0.354	ug/l	UJ	CCV - 22.2% Diff
Chlorobenzene		< 0.284	ug/l	UJ	LCS - 86.9% Rec
Chloroform		< 0.243	ug/l	UJ	LCS - 81.7% Rec;
Chloromethane		< 0.372	ug/l	UJ	CCV - 48.3% Diff
cis-1,2-Dichloroethene		< 0.294	ug/l	UJ	LCS - 80.6% Rec;
Dichlorodifluoromethane		< 0.451	ug/l	UJ	CCV - 60.9% Diff
Hexachlorobutadiene		< 0.241	ug/l	UJ	CCV - 25.2% Diff
Tetrachloroethene		< 0.239	ug/l	UJ	LCS - 44.4% Rec
Vinylchloride		< 0.469	ug/l	UJ	CCV - 39.8% Diff; MSD - 47.3 RPD
MW-4					
MW-4	**24I1810-07**	**9/27/2024**			
2,3,4,6-Tetrachlorophenol		< 2.5	ug/l	UJ	CCV - 22.0% Diff
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 109% Diff
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 26.1% Diff
2-Nitrophenol		< 2.5	ug/l	UJ	CCV - 21.4% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Groundwater Well Project
September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
MW-4					
MW-4	**24I1810-07**	**9/27/2024**			
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	UJ	CCV - 143% Diff
Acenaphthylene		0.13	ug/l	J+	MB - Result (0.2 ug/L) > MDL
Acrolein		< 0.447	ug/l	UJ	CCV - 42.0% Diff; LCS - 3% Rec; LCSD - 189 RPD
Anthracene		0.05	ug/l	J+	MB - Result (0.07ug/L) > MDL
cis-1,2-Dichloroethene		0.43	ug/l	J	Result <RL & >MDL
Dichlorodifluoromethane		< 0.451	ug/l	UJ	CCV - 32.3% Diff
Diphenylamine		< 2.5	ug/l	UJ	CCV - 0% Diff
Fluorene		0.3	ug/l	J+	MB - Result (1.5 ug/L) > MDL
Hexachlorobenzene		< 0.02	ug/l	R	LCS - 14.0% Rec
Hexachlorobutadiene		< 0.241	ug/l	UJ	CCV - 28.1% Diff
Hexachlorocyclopentadiene		< 5	ug/l	UJ	CCV - 25.3% Diff
Naphthalene		0.55	ug/l	J+	MB - Result (3.37 ug/L) > MDL
N-Nitrosodimethylamine		< 0.5	ug/l	R	LCS - 0% Rec
N-Nitrosodiphenylamine		< 2.5	ug/l	UJ	CCV - 27.3% Diff
Pentachlorophenol		< 0.25	ug/l	UJ	CCV - 35.4% Diff
Phenanthrene		0.09	ug/l	J+	MB - Result (0.22 ug/L) > MDL
T-Butylbenzene		0.47	ug/l	J	Result <RL & >MDL
Tetrachloroethene		0.25	ug/l	J	CCV - 41.9% Diff; Result <RL & >MDL; LCS - 53.2% R
MW-5					
MW-5	**24I1810-05**	**9/26/2024**			
1,1-Dichloroethane		< 0.272	ug/l	UJ	LCS - 80.8% Rec
1,4-Dioxane		< 35.3	ug/l	UJ	CCV - 41.0% Diff
2,4-Dichlorophenol		< 2.72	ug/l	UJ	CCV - 20.4% Diff
2,4-Dinitrophenol		< 2.72	ug/l	UJ	CCV - 48.9% Diff
2,4-Dinitrotoluene		< 2.72	ug/l	UJ	CCV - 24.9% Diff
3- And 4- Methylphenol (Total)		< 2.72	ug/l	UJ	CCV - 98.7% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Groundwater Well Project
September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
MW-5					
MW-5	**24I1810-05**	**9/26/2024**			
4,6-Dinitro-2-methylphenol		< 2.72	ug/l	UJ	CCV - 89.3% Diff
4-Nitrophenol		< 5.43	ug/l	UJ	CCV - 93.7% Diff
Acenaphthylene		< 0.0543	ug/l	UJ	Field Dup - 36.3 RPD
Acrolein		< 0.447	ug/l	UJ	CCV - 49.8% Diff
Aniline		< 2.72	ug/l	UJ	CCV - 67.6% Diff
Benzidine		< 5.43	ug/l	UJ	CCV - 26.7% Diff
Benzoic acid		< 2.72	ug/l	R	LCS - 0% Rec
bis(2-Chloroethyl)ether		< 1.09	ug/l	UJ	CCV - 138% Diff
bis(2-Chloroisopropyl)ether		< 2.72	ug/l	UJ	CCV - 22.8% Diff
Bromochloromethane		< 0.354	ug/l	UJ	CCV - 22.2% Diff
Chlorobenzene		< 0.284	ug/l	UJ	LCS - 86.9% Rec
Chloroform		0.3	ug/l	J-	LCS - 81.7% Rec; Result <RL & >MDL
Chloromethane		< 0.372	ug/l	UJ	CCV - 48.3% Diff
cis-1,2-Dichloroethene		< 0.294	ug/l	UJ	LCS - 80.6% Rec;
Dichlorodifluoromethane		< 0.451	ug/l	UJ	CCV - 60.9% Diff
Hexachlorobutadiene		< 0.241	ug/l	UJ	CCV - 25.2% Diff
Tetrachloroethene		0.83	ug/l	UJ	LCS - 44.4% Rec; MSD - 174% Rec
Vinylchloride		< 0.469	ug/l	UJ	CCV - 39.8% Diff; MSD - 47.3 RPD
MW-6					
MW-6	**24I1810-08**	**9/27/2024**			
2,3,4,6-Tetrachlorophenol		< 2.5	ug/l	UJ	CCV - 22.0% Diff
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 109% Diff
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 26.1% Diff
2-Nitrophenol		< 2.5	ug/l	UJ	CCV - 21.4% Diff
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	UJ	CCV - 143% Diff
Acrolein		< 0.447	ug/l	UJ	CCV - 42.0% Diff; LCS - 3% Rec; LCSD - 189 RPD
Benz(a)anthracene		< 0.05	ug/l	R	HT - 5 days past HT for Prep

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Groundwater Well Project
September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date*	*Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
MW-6						
MW-6	**24I1810-08**	**9/27/2024**				
Benzo(a)pyrene		<	0.05	ug/l	R	HT - 5 days past HT for Prep
Benzo(b)fluoranthene		<	0.05	ug/l	R	HT - 5 days past HT for Prep
Benzo(k)fluoranthene		<	0.05	ug/l	R	HT - 5 days past HT for Prep
bis(2-Ethylhexyl)phthalate		<	0.5	ug/l	R	HT - 5 days past HT for Prep
Dichlorodifluoromethane		<	0.451	ug/l	UJ	CCV - 32.3% Diff
Diphenylamine		<	2.5	ug/l	UJ	CCV - 0% Diff
Hexachlorobutadiene		<	0.241	ug/l	UJ	CCV - 28.1% Diff
Hexachlorocyclopentadiene		<	5	ug/l	UJ	CCV - 25.3% Diff
m,p-Xylene			0.64	ug/l	J	Result <RL & >MDL
Naphthalene		<	0.05	ug/l	R	HT - 5 days past HT for Prep
N-Nitrosodiphenylamine		<	2.5	ug/l	UJ	CCV - 27.3% Diff
Pentachlorophenol		<	0.25	ug/l	UJ	CCV - 35.4% Diff
Tetrachloroethene		<	0.239	ug/l	UJ	CCV - 41.9% Diff; LCS - 53.2% Rec
MW-8						
MW-8	**24I1810-09**	**9/27/2024**				
2,3,4,6-Tetrachlorophenol		<	2.5	ug/l	UJ	CCV - 22.0% Diff
2,4-Dinitrophenol		<	2.5	ug/l	UJ	CCV - 109% Diff
2,4-Dinitrotoluene		<	2.5	ug/l	UJ	CCV - 26.1% Diff
2-Nitrophenol		<	2.5	ug/l	UJ	CCV - 21.4% Diff
4,6-Dinitro-2-methylphenol		<	2.5	ug/l	UJ	CCV - 143% Diff
Acrolein		<	0.447	ug/l	UJ	CCV - 42.0% Diff; LCS - 3% Rec; LCSD - 189 RPD
Benzo(a)pyrene		<	0.05	ug/l	R	HT - 5 days past HT for Prep
Benzo(k)fluoranthene		<	0.05	ug/l	R	HT - 5 days past HT for Prep
bis(2-Ethylhexyl)phthalate		<	0.5	ug/l	R	HT - 5 days past HT for Prep
Dichlorodifluoromethane		<	0.451	ug/l	UJ	CCV - 32.3% Diff
Diphenylamine		<	2.5	ug/l	UJ	CCV - 0% Diff
Hexachlorobutadiene		<	0.241	ug/l	UJ	CCV - 28.1% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Groundwater Well Project
September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date*		*Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
MW-8							
MW-8	**24I1810-09**	**9/27/2024**					
Hexachlorocyclopentadiene			<	5	ug/l	UJ	CCV - 25.3% Diff
Naphthalene			<	0.05	ug/l	R	HT - 5 days past HT for Prep
N-Nitrosodiphenylamine			<	2.5	ug/l	UJ	CCV - 27.3% Diff
Pentachlorophenol			<	0.25	ug/l	UJ	CCV - 35.4% Diff
Tetrachloroethene			<	0.239	ug/l	UJ	CCV - 41.9% Diff; LCS - 53.2% Rec
Remington_IDW							
Remington_IDW	**24I1803-01**	**9/27/2024**					
1,1-Dichloroethane			<	0.272	ug/l	UJ	LCS - 80.8% Rec
1,2,4-Trimethylbenzene				120	ug/l	J	CCV - 21.4% Diff
1,4-Dioxane			<	35.3	ug/l	UJ	CCV - 41.0% Diff
2,4-Dinitrophenol			<	2.5	ug/l	UJ	CCV - 38.6% Diff
2,4-Dinitrotoluene			<	2.5	ug/l	UJ	CCV - 28.0% Diff
2,6-Dinitrotoluene			<	2.5	ug/l	UJ	CCV - 21.4% Diff
Acetone				3.7	ug/l	J+	LCSD - 215% Rec; MSD - 130% Rec
Acrolein			<	0.447	ug/l	UJ	CCV - 49.8% Diff
Benzoic acid			<	2.5	ug/l	UJ	CCV - 44.9% Diff
bis(2-Chloroethoxy)methane			<	2.5	ug/l	UJ	CCV - 20.1% Diff
bis(2-Chloroisopropyl)ether			<	2.5	ug/l	UJ	CCV - 23.9% Diff
Bromochloromethane			<	0.354	ug/l	UJ	CCV - 22.2% Diff
Chlorobenzene			<	0.284	ug/l	UJ	LCS - 86.9% Rec
Chloroform			<	0.243	ug/l	UJ	LCS - 81.7% Rec;
Chloromethane			<	0.372	ug/l	UJ	CCV - 48.3% Diff
cis-1,2-Dichloroethene				0.52	ug/l	J-	LCS - 80.6% Rec;
Dichlorodifluoromethane			<	0.451	ug/l	UJ	CCV - 60.9% Diff
Hexachlorobutadiene			<	0.241	ug/l	UJ	CCV - 25.2% Diff
Hexachlorocyclopentadiene			<	5	ug/l	UJ	CCV - 86.1% Diff
T-Butylbenzene				0.37	ug/l	J	Result <RL & >MDL
Tetrachloroethene			<	0.239	ug/l	UJ	LCS - 44.4% Rec

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Groundwater Well Project
September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date*	*Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Remington_IDW						
Remington_IDW	**24I1803-01**	**9/27/2024**				
Vinylchloride			< 0.469	ug/l	UJ	CCV - 39.8% Diff; MSD - 47.3 RPD
Rinsate Blank						
Rinsate Blank 1	**24I1810-06**	**9/26/2024**				
1,1-Dichloroethane			< 0.272	ug/l	UJ	LCS - 80.8% Rec
1,4-Dioxane			< 35.3	ug/l	UJ	CCV - 41.0% Diff
2,4-Dichlorophenol			< 2.55	ug/l	UJ	CCV - 20.4% Diff
2,4-Dinitrophenol			< 2.55	ug/l	UJ	CCV - 48.9% Diff
2,4-Dinitrotoluene			< 2.55	ug/l	UJ	CCV - 24.9% Diff
3- And 4- Methylphenol (Total)			< 2.55	ug/l	UJ	CCV - 98.7% Diff
4,6-Dinitro-2-methylphenol			< 2.55	ug/l	UJ	CCV - 89.3% Diff
4-Nitrophenol			< 5.1	ug/l	UJ	CCV - 93.7% Diff
Acenaphthylene			< 0.051	ug/l	UJ	Field Dup - 36.3 RPD
Acrolein			< 0.447	ug/l	UJ	CCV - 49.8% Diff
Aniline			< 2.55	ug/l	UJ	CCV - 67.6% Diff
Benzidine			< 5.1	ug/l	UJ	CCV - 26.7% Diff
Benzoic acid			< 2.55	ug/l	R	LCS - 0% Rec
bis(2-Chloroethyl)ether			< 1.02	ug/l	UJ	CCV - 138% Diff
bis(2-Chloroisopropyl)ether			< 2.55	ug/l	UJ	CCV - 22.8% Diff
Bromochloromethane			< 0.354	ug/l	UJ	CCV - 22.2% Diff
Chlorobenzene			< 0.284	ug/l	UJ	LCS - 86.9% Rec
Chloroform			15.6	ug/l	J-	LCS - 81.7% Rec;
Chloromethane			< 0.372	ug/l	UJ	CCV - 48.3% Diff
cis-1,2-Dichloroethene			< 0.294	ug/l	UJ	LCS - 80.6% Rec;
Dichlorodifluoromethane			< 0.451	ug/l	UJ	CCV - 60.9% Diff
Hexachlorobutadiene			< 0.241	ug/l	UJ	CCV - 25.2% Diff
Tetrachloroethene			< 0.239	ug/l	UJ	LCS - 44.4% Rec
Vinylchloride			< 0.469	ug/l	UJ	CCV - 39.8% Diff; MSD - 47.3 RPD

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Groundwater Well Project
September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
Rinsate Blank 2	**24I1810-10**	**9/27/2024**			
1,2,4-Trimethylbenzene		0.33	ug/l	J	Result <RL & >MDL
2,3,4,6-Tetrachlorophenol		< 2.5	ug/l	UJ	CCV - 22.0% Diff
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 109% Diff
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 26.1% Diff
2-Nitrophenol		< 2.5	ug/l	UJ	CCV - 21.4% Diff
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	UJ	CCV - 143% Diff
Acrolein		< 0.447	ug/l	UJ	CCV - 42.0% Diff; LCS - 3% Rec; LCSD - 189 RPD
Dichlorodifluoromethane		< 0.451	ug/l	UJ	CCV - 32.3% Diff
Diphenylamine		< 2.5	ug/l	UJ	CCV - 0% Diff
Hexachlorobutadiene		< 0.241	ug/l	UJ	CCV - 28.1% Diff
Hexachlorocyclopentadiene		< 5	ug/l	UJ	CCV - 25.3% Diff
Naphthalene		< 0.05	ug/l	R	HT - 5 days past HT for Prep
N-Nitrosodiphenylamine		< 2.5	ug/l	UJ	CCV - 27.3% Diff
Pentachlorophenol		< 0.25	ug/l	UJ	CCV - 35.4% Diff
Tetrachloroethene		< 0.239	ug/l	UJ	CCV - 41.9% Diff; LCS - 53.2% Rec

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-4 PARCC Summary Table
Remington Arms - Groundwater Well Samples
September 2024 Sampling Event

Precision Objective

QC Type	# of Results Out of Control Limits	# of Qualifiers
Field Duplicates	1	6
Lab Duplicates	2	0
Total	**3**	**6**

Accuracy Objective

QC Type	# of Results Out of Control Limits	# of Qualifiers
Results <PQL and > MDL	13	8
Holding Time	11	11 (1)
Calibration	16	0
Initial Calibration Verification	37	0
Continuing Calibration Verification	38	167
Field Blanks	5	0
Lab Blanks	10	5
Interference Check Sample	0	0
Laboratory Control Sample	20	46 (2)
Matrix Spike Sample (Recoveries)	18	0
Serial Dilution Sample	0	0
Surrogates	6	0
Internal Standards	0	0
Total	**174**	**237**

Notes:

1) All results (11) were rejected (flagged with "R") due to excessive hold time.

2) Of the qualified results, 6 were rejected (flagged with "R") due to excessive QC exceedances.

Representative Objective

Proper sampling and analytical procedures used for this sampling event.

Completeness Objective

# of Planned Measurements	# of Rejected (or anomalous) Measurements	% Completeness
1783	**17**	**99.0%**

Comparability Objective

- Data results were reported in standard units.
- Data were qualified according to QAPP and EPA guidelines.
- Analysis were performed accoring to QAPP and EPA accepted methods.
- Detected results for method SW6020 (metals) were reported down to the MDL by the laboratory. However, the project's QAPP stated that metals should be reported down to the RL, not the MDL. To adhere to the project's SAP, the detected results that were less than the RL were reported as undetected (U) at the RL. All undetected (U) data were reported at the RL. This was done so the data's comparability can be consistent throughout the project.

Sensitivity Objective

- Data were reported using the proper detection limits except for parameters noted in Table B-4.
- Data were reported down to the method detection limit (MDL) for methods SW8260 (VOC) and SW8270 (SVOC). Detected results that were greater than the MDL but less than the laboratory quantitative reporting limit (RL), were qualified with "J" by the laboratory (13 results). Of the 13 results, 8 remained qualified "J", while the other results were qualified for other QC exceedances. Refer to Table B-5 for a list of these results.

Unqualified Data Percentage

# of Measurements	Total Measurements Qualified	% Not Qualified
1783	**243**	**86.4%**

APPENDIX B

FIELD AND LABORATORY QA/QC SUMMARY FORMS AND TABLES

SAMPLE DATA REVIEW

Client	Site	Sampling & Analysis Plan	Sample Date
HRP Associates, Inc. 1 Fairfield Square, Suite 110. Clifton Park, NY 12065	Remington Arms Herkimer County Ilion, New York	Generic Field Activities Plan for Work Assignments. Prepared for: New York State Department of Environmental Conservation. Prepared by: HRP Associates, Inc. 8/9/2019.	September 26 and 27, 2024
		Generic Quality Assurance Project Plan for Work Assignments. Prepared for: Yew York State Department of Environmental Conservation. Prepared by: HRP Associates, Inc. 8/8/2019.	
		Target Brownfield Sites, Herkimer County, NY - Generic QAPP 5/9/24. Addendum: Remington Arms. Multiple Parcels, Ilion, New York. Prepared by: HRP Associates, Inc. 7/1/2024	

Laboratory	Lab Package/SDG	No. of Samples/Matrix	Data Package Level
York Analytical	24I1803	1 Groundwater Sample	Category B (EPA Level 3)
ALS Laboratories (subcontract)	R2409957	1 Groundwater Sample (metals only)	Category B (EPA Level 3)
York Analytical	24I1810	10 Groundwater Samples	Category B (EPA Level 3)
ALS Laboratories (subcontract)	R2409958	10 Groundwater Samples (metals only)	Category B (EPA Level 3)

Reviewer Name	Received Complete Data Package Date	Data Validation Completion Date	Data Validation Level
Linda L. Tangen	10/22/2024 & 12/15/2024 (ALS)	12/16/2024	Category B (USEPA Stage 3)

FIELD QA/QC SUMMARY

Description	Comments
Field Instrument Calibration	Field notes were not included with data package.
Field Measurements Stabilized	Field notes were not included with data package.
Project Required Field Parameters Measured	Field notes were not included with data package.
Project Required Stations Sampled	No, MW-7 was not sampled due to a dry well.
Samples Preserved and Packaged Correctly	Yes
Chain of Custodies Properly Filled Out	Yes
Rinsate Blanks	5 detected results / 0 qualifiers. See Table B-1.
Field Duplicate	1 out of QC / 6 qualifiers. See Table B-2.
Trip Blank	Not submitted for analysis. With input from the laboratory, no action was taken.

LABORATORY QA/QC SUMMARY

Lab Package/SDG	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1
Method/Analyses	E170.1 & SW9045D	SW1010	SW6020	SW7.3.3.2 & SW7.4.2	SW7470
Quality Control Criteria	Temp & pH	Flash Point	Metals	Reactive Cyanide and Reactive Sulfide	Mercury
Preservation and Hold Times (HT)	NA	OK	OK	OK	OK
Reporting Limits Met Project Detection Limits	NA	NA	OK	NA	OK
Detected Results < Lab's Reporting Limit (RL) & > Method Detection Limit (MDL)	NA	None (Reported down to RL)	None (Reported down to RL)	None (Reported down to RL)	None (Reported down to RL)
Calibration	NA	NA	OK	NA	OK
Initial Calibration Verification	NA	NA	OK	NA	OK
Continuing Calibration Verification	NA	NA	OK	NA	OK
Blanks	NA	NA	OK	OK	OK
Interference Check Sample	NA	NA	OK	NA	NA
Laboratory Control Sample	NA	OK	OK	NA	OK
Duplicate Sample Analysis (Includes MS and LCS Duplicates)	OK	OK	OK	OK	OK
Matrix Spike Sample Analysis (Recoveries)	NA	NA	Frequency not met See Table 12a	NA	OK

Table Continued

LABORATORY QA/QC SUMMARY (Continued)

Lab Package/SDG	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1
Method/Analyses	**SM2540G**	**SW1010**	**SW6020**	**SW7.3.3.2 & SW7.4.2**	**SW7473**
Quality Control Criteria	**% Solids**	**Flash Point**	**Metals**	**Reactive Cyanide and Reactive Sulfide**	**Mercury**
Serial Dilution	NA	NA	OK	NA	NA
DMC or Sur Spikes	NA	NA	NA	NA	NA
Internal Standards	NA	NA	OK	NA	NA
System Performance Check	NA	NA	OK	NA	NA
Target Analyte Identification	NA	NA	OK	NA	OK
Target Analyte Quantitation	NA	NA	OK	NA	OK
Tentatively Identified Compounds	NA	NA	NA	NA	NA

Table Continued

LABORATORY QA/QC SUMMARY (Continued)

Lab Package/SDG	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1
Method/Analyses	**SW8081**	**SW8082**	**SW8151A**	**SW8260C**	**SW8270D**
Quality Control Criteria	**Pesticides**	**Aroclor/ PCBs**	**Herbicides**	**VOC**	**SVOC**
Preservation and Hold Times (HT)	OK	OK	OK	OK	11 results out of HT QC (11 R) See Table B-3
Reporting Limits Met Project Detection Limits	OK	OK	OK	OK	Not met for 4 results. See Table B-4
Detected Results < Lab's Reporting Limit (RL) & > Method Detection Limit (MDL)	NA (Reported down to RL)	NA (Reported down to RL)	NA (Reported down to RL)	13 results 8 qualifiers See Table B-5	None
Calibration	OK	OK	OK	OK	16 out of QC 0 qualifiers See Table B-6
Initial Calibration Verification	OK	OK	OK	13 out of QC 0 qualifiers See Table B-7	14 out of QC. 0 qualifiers. See Table B-7
Continuing Calibration Verification	OK	OK	OK	12 out of QC 66 qualifiers See Table B-8	26 out of QC 101 qualifiers See Table B-8
Blanks	OK	OK	OK	1 out of QC 0 qualifiers See Table B-9	9 out of QC 5 qualifiers See Table B-9
Interference Check Sample	NA	OK	OK	NA	NA
Laboratory Control Sample	OK	OK	OK	13 out of QC 40 qualifiers See Table B-10b	Frequency not met. See Table B-10a 7out of QC 6 (R) qualifiers See Table B-10b
Duplicate Sample Analysis (Includes MS and LCS Duplicates)	OK	Freqency not met See Table B-12a	OK	1 out of QC 0 qualifiers See Table B-11b	Frequency not met. See Table B-11a 1 out of QC 0 qualifiers See Table B-11b

Table Continued

LABORATORY QA/QC SUMMARY (Continued)

Lab Package/SDG	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1
Method/Analyses	**SW8081**	**SW8082**	**SW8151A**	**SW8260C**	**SW8270D**
Quality Control Criteria	**Pesticides**	**Aroclor/PCBs**	**Herbicides**	**VOC**	**SVOC**
Matrix Spike Sample Analysis (Recoveries)	NA	NA	OK	18 out of QC 0 qualifiers See Table B-12b	Frequency not met See Table B-12a
Serial Dilution	NA	NA	NA	NA	NA
DMC or Sur Spikes	OK	OK	OK	OK	6 out of QC 0 qualifiers See Table B-13
Internal Standards	NA	NA	NA	OK	OK
System Performance Check	OK	OK	OK	OK	OK
Target Analyte Identification	OK	OK	OK	OK	OK
Target Analyte Quantitation	OK	OK	OK	OK	OK
Tentatively Identified Compounds	NA	NA	NA	Not Required	Not Required

Overall Data Assessment and Other Issues

Overall Assessment of Inorganic Data	Of 10879 measurements, 1354 were qualified, of these, 94 results were rejected. 99.1% of the data can be used for the purposes of this project, if qualified data are used with caution. The data validation qualifier and definitions are in Table A-2. The qualified data are reported in Table A-3. These tables are in Appendix A.
Other Issues	Detected results for methods SW8260 (VOC), and SW8270 (SVOC) were reported down the method detection limit (MDL). Detected results for all other methods were reported down to the laboratory's reporting limits.
	Trip blanks were not submitted for this sampling event. Therefore, low level cross-contamination in the field and shipping could not be measured.
	Field notes were not submitted for this sampling event. Stations where field duplicate samples were collected were obtained by an email from the project manager.
	Field rinsate blanks were not used to qualify data. However, the detections were noted in the report.
	The sample containers used to ship samples for method SW8260 (VOC) analyses were 4-ounce glass jars, not hermetically sealed vials (trap and seal containers), as required by preparation method SW5035A. This is a common occurrence and with the laboratory's input, no action was taken.

Table B-1. Rinsate Blank Detections

Blank Type	Sample Code	Lab Code	Submit Date	Parameter	Unit	MDL(1)	RL(1)	Blank Result	5 X Blank	Flags
Method SW8060										
Rinsate	Rinsate Blank 1	24I1810-06	9/26/24	Bromodichloromethane	ug/L	0.245	0.5	1.34	6.7	0 (4)
				Chloroform	ug/L	0.243	0.5	15.6	78	0 (4)
Rinsate	Rinsate Blank 2	24I1810-10	9/27/24	1,2,4-Trimethylbenzene	ug/L	0.31	0.5	0.33 J	1.65	0 (3)
				Bromodichloromethane	ug/L	0.245	0.5	1.62	8.1	0 (4)
				Chloroform	ug/L	0.243	0.5	16.4	82	0 (4)

***Notes:**

1) MDL = Method Detection Limit.

2) Laboratory's Quantitative Reporting Limit

3) Detected blank result was less than the RL and therefore, no action was taken.

4) Associated results were less than the MDL. No field cross-contamination apparent.

Table B-2. Field Duplicate Exceedances

SDG	Station	Sample/Dup Code	Sample Date	Parameter	Unit	Orig Result	Dup Result	MDL	RPD or Diff	Flags
Method SW8270										
24I1810	MW-1	MW-1/Dup 1	9/26/21	Acenaphthylene	ug/L	0.7	1.01	0.05	36.3	3 UJ; 3 J

Table B-3. Holding Time Exceedances Due to Sample Preservation Issues

SDG	Site Code	Sample ID	Lab ID	Parameter	Unit	Result	Sample Date	Analysis Date	Actual HT (Days)	Req. HT (Days)	Flags
Method SW8270											
24I1810	MW-6	MW-6	24I1810-08RE1	Benz(a)anthracene	ug/L	< 0.05	9/27/24	10/9/24	12	7	R
				Benzo(a)pyrene	ug/L	< 0.05	9/27/24	10/9/24	12	7	R
				Benzo(b)fluoranthene	ug/L	< 0.05	9/27/24	10/9/24	12	7	R
				Benzo(k)fluoranthene	ug/L	< 0.05	9/27/24	10/9/24	12	7	R
				bis(2-Ethylhexyl)phthalate	ug/L	< 0.5	9/27/24	10/9/24	12	7	R
				Naphthalene	ug/L	< 0.05	9/27/24	10/9/24	12	7	R
24I1810	MW-8	MW-8	24I1810-09RE1	Benzo(a)pyrene	ug/L	< 0.05	9/27/24	10/9/24	12	7	R
				Benzo(k)fluoranthene	ug/L	< 0.05	9/27/24	10/9/24	12	7	R
				bis(2-Ethylhexyl)phthalate	ug/L	< 0.5	9/27/24	10/9/24	12	7	R
				Naphthalene	ug/L	< 0.05	9/27/24	10/9/24	12	7	R
24I1810	Rinsate Blank	Rinsate Blank	24I1810-10RE1	Naphthalene	ug/L	< 0.05	9/27/24	10/9/24	12	7	R

Table B-4. Non-Detected Results Where the Reporting Levels were Greater than the Project's Required Detection Limits

Station	Field ID	Lab ID	Sample Date	Parameter	Unit	Result	MDL	PRDL*	Dilution Factor
Method SW8270									
MW-2	MW-2	24I1810-03	9/26/24	Hexachlorocyclopentadiene	ug/l	<5.62	5.62	5	1
MW-3	MW-3	24I1810-04	9/26/24	Hexachlorocyclopentadiene	ug/l	<5.26	5.26	5	1
MW-5	MW-5	24I1810-05	9/26/24	Hexachlorocyclopentadiene	ug/l	<5.43	5.43	5	1
Rinsate Blank	Rinsate Blank 1	24I1810-06	9/26/24	Hexachlorocyclopentadiene	ug/l	<5.1	5.1	5	1

***Note:** PRDL = Project Required Reporting Limit (HRP Generic QAPP, 2019).

Table B-5. Summary of Detected Results That Were Less Than the Reporting Limit

Station	Field ID	Lab ID	Sample Date	Parameter	Unit	Result	RL	MDL	Flag
Method SW8260									
MW-1	DUP-1	24I1810-02	9/26/24	Tert-Butyl Alcohol	ug/l	0.92	1.00	0.608	J
MW-1	MW-1	24I1810-01	9/26/24	Tert-Butyl Alcohol	ug/l	0.86	1.00	0.608	J
MW-2	MW-2	24I1810-03	9/26/24	cis-1,2-Dichloroethene	ug/l	0.33	0.500	0.294	0*
MW-2	MW-2	24I1810-03	9/26/24	Ethylbenzene	ug/l	0.48	0.50	0.29	J
MW-2	MW-2	24I1810-03	9/26/24	Tetrachloroethene	ug/l	0.31	0.500	0.239	0*
MW-3	MW-3	24I1810-04	9/26/24	Acetone	ug/l	1.63	2.00	1.34	0*
MW-4	MW-4	24I1810-07	9/27/24	cis-1,2-Dichloroethene	ug/l	0.43	0.500	0.294	J
MW-4	MW-4	24I1810-07	9/27/24	T-Butylbenzene	ug/l	0.47	0.500	0.367	J
MW-4	MW-4	24I1810-07	9/27/24	Tetrachloroethene	ug/l	0.25	0.500	0.239	0*
MW-5	MW-5	24I1810-05	9/26/24	Chloroform	ug/l	0.3	0.500	0.243	0*
MW-6	MW-6	24I1810-08	9/27/24	m,p-Xylene	ug/l	0.64	1.00	0.578	J
Remington_IDW	Remington_IDW	24I1803-01	9/27/24	T-Butylbenzene	ug/l	0.37	0.50	0.367	J
Rinsate Blank	Rinsate Blank 2	24I1810-10	9/27/24	1,2,4-Trimethylbenzene	ug/l	0.33	0.50	0.31	J

***Note:** Sample result was already qualified for a QC exceedance.

Table B-6. Calibration Exceedances

SDG	Calibration ID	Analysis Date	Parameter	RSD%	RSD Limit	# of Flags
Method SW8270						
24I1803	SG40034	7/17/24	2,4-Dinitrophenol	49.6	20	0*
			2,4-Dinitrotoluene	20.3	20	0*
			4,6-Dinitro-2-methylphenol	34	20	0*
			Benzoic Acid	30.1	20	0*
24I1810	SI40031	9/20/24	2,4-Dinitrophenol	46	20	0*
			4,6-Dinitro-2-methylphenol	45.1	20	0*
			Benzoic Acid	22.5	20	0*
			Benzy butyl phthalate	29.8	20	0*
			Indeno(1,2,3-cd)pyrene	25.1	20	0*
241810	SF40034	6/25/24	2,4-Dinitrophenol	32	20	0*
			2,4-Dinitrotoluene	21.7	20	0*
			4,6-Dinitro-2-methylphenol	36.5	20	0*
			Benzoic Acid	22.7	20	0*
241810	SI40009	10/3/24	Hexachlorobenzene	20.1	20	0*
			Hexchloroethane	20.1	20	0*
			Nitrobenzene	22.2	20	0*

***Notes:** Associated results were reported as non-detected.

Table B-7. Initial Calibration Verification Exceedances (Organic)

SDG	Calibration ID	Analysis Date	Parameter	Diff%	Diff% QC Limit	# of Flags
Method SW8260						
24I1803, 24I1810	S412318-SCV1	9/22/24	1,4-Dioxane	82.7	30	0*
			Acetone	139	30	0*
			Acrolein	388	30	0*
			Bromomethane	44.8	30	0*
			Tetrachloroethylene	52.4	30	0*
24I1810	S412712-SCV1	9/26/24	1,4-Dioxane	64.9	30	0*
			Acetone	100	30	0*
			Acrolein	97.7	30	0*
			tert-Butyl alcohol	61.1	30	0*
			Tetrachloroethylene	44.6	30	0*
24I1810	S4J0311-SCV1	10/2/24	1,4-Dioxane	38.5	30	0*
			Acetone	59.9	30	0*
			Tetrachloroethylene	53.5	30	0*
Method SW8270						
24I1803	S4G1809-SCV1	7/17/24	2,4-Dimethylphenol	32.5	30	0*
			2,4-Dinitrophenol	57.7	30	0*
			4,6-Dinitro-2-methylphenol	38.1	30	0*
			Hexachlorocyclopentadiene	50.4	30	0*
24I1810	S4J0701-SCV1	10/5/24	Dibenzo(a,h)anthracene	50	30	0*
			Indeno(1,2,3-cd)pyrene	36	30	0*
			Nitrobenzene	56	30	0*
24I1810	S4I2329-SCV1	9/20/24	2,3,4,6-Tetrachlorophenol	30.7	30	0*
			2,4-Dimethylphenol	34.7	30	0*
			2,4-Dinitrophenol	53.2	30	0*
			4,6-Dinitro-2-methylphenol	45.2	30	0*
			Hexachlorocyclopentadiene	51.1	30	0*
24I1810	S4F2609-SCV1	7/17/24	2,4-Dimethylphenol	35.7	30	0*
			Aniline	31.9	30	0*
24I1810	S4J0701-SCV1	10/5/24	Dibenzo(a,h)anthracene	50	30	0*
			Indeno(1,2,3-cd)pyrene	36	30	0*
			Nitrobenzene	56	30	0*
24I1810	S4J0405-SCV1	10/3/24	Hexachlorobenzene	80	30	0*
			Nitrobenzene	46	30	0*
24I1810	S4J0241-SCV1	10/3/24	Hexachlorobenzene	82	30	0*
			Hexachlorobutadiene	31	30	0*
			Hexchloroethane	31	30	0*
			Nitrobenzene	38	30	0*
			Pentachlorophenol	76	30	0*

***Notes:** Proceeding CCV % Difference within control limits or associated results were qualified for CCV% Diff. No action taken.

Table B-8. Continuing Calibration Verification Exceedances (Organics)

SDG	Calibration ID	Analysis Date	Parameter	% Diff	%Diff QC Limit	RRF	Min RRF	# of Flags
Method SW8260								
24I1803, 24I1810	S4J0211-CCV1	10/1/24	1,4-Dioxane	41	20			7 UJ
			Acrolein	49.8	20			7 UJ
			Bromomethane	22.2	20			7 UJ
			Chloromethane	48.3	20			7 UJ
			Dichlorodifluoromethane	60.9	20			7 UJ
			Hexachlorobutadiene	25.2	20			7 UJ
			Vinyl Chloride	39.8	20			7 UJ
24I1803	S4J0309-CCV1	10/2/24	1,2,4-Trichlorobenzene	25.2	20			1 J
24I1810	S4J0321-CCV1	10/3/24	Acrolein	42	20			4 UJ
			Dichlorodifluoromethane	32	20			4 UJ
			Hexachlorobutadiene	28.1	20			4 UJ
			Tetrachloroethylene	41.9	20			3 UJ; 1 J
Method SW8270								
24I1803	S4J0428-CCV1	10/4/24	2,4-Dinitrophenol	38.6	20			1 UJ
			2,4-Dinitrotoluene	28	20			1 UJ
			2,6-Dinitrotoluene	21.4	20			1 UJ
			Benzoic Acid	44.9	20			1 UJ
			Bis(2-Chloroethyoxy)methane	20.1	20			1 UJ
			Bis(2-Chloroisopropyl)ether	23.9	20			1 UJ
			Hexachlorocyclopentadiene	86.1	20			1 UJ
24I1810	S4J0422-CCV1	10/4/24	2,3,4,6-Tetrachlorophenol	23	20			6 UJ
			2,4-Dinitrophenol	109	20			6 UJ
			2,4-Dinitrotoluene	26.1	20			6 UJ
			2-Nitrophenol	21.1	20			6 UJ
			4,6-Dinitro-2-methylphenol	143	20			6 UJ
			Diphenylamine	27.5	20			6 UJ
			Hexachlorocyclopentadiene	25.3	20			6 UJ
			N-Nitrosodiphenylamine	27.3	20			6 UJ
24I1810	S4J0331-CCV1	10/3/24	2,4-Dichlorophenol	20.4	20			4 UJ
			2,4-Dinitrophenol	48.9	20			4 UJ
			2,4-Dinitrotoluene	24.9	20			4 UJ
			3- & 3-Methylphenols	98.7	20			4 UJ
			4,6-Dinitro-2-methylphenol	89.3	20			4 UJ
			4-Nitrophenol	93.7	20			4 UJ
			Aniline	67.6	20			4 UJ
			Benzidine	26.7	20			4 UJ
			Bis(2-chloroethyl)ether	138	20			4 UJ
			Bis(2-chloroisopropyl)ether	22.8	20			4 UJ
24I1810	SRJ0926-CCV1	10/9/24	Pentachlorophenol	35.4	20			5 UJ

Table B-9. Summary of Laboratory Blank Detections

SDG	Analytical Batch	Blank Type	Blank Sample Code	Analysis Date	Parameter	Unit	Result	RL	10 X Blank Value	# of Flags
Method SW8260										
24I1803	BJ40053	MB	BJ40053-BLK1	10/1/24	Methylene Chloride	ug/L	3.04	2	30.04	0*
Method SW8270										
24I1810	BJ40566	MB	BJ40566-BLK2	10/9/24	Naphthalene	ug/L	0.06	0.05	0.6	0*
24I1810	BJ40212	MB	BJ40212-BLK2	10/4/24	Acenaphthylene	ug/L	0.2	0.05	2	1 J+
					Anthacene	ug/L	0.07	0.05	0.7	1 J+
					Fluoranthene	ug/L	0.05	0.05	0.5	0*
					Florene	ug/L	0.15	0.05	1.5	1 J+
					Hexachloroethane	ug/L	0.73	0.5	7.3	0*
					Naphthalene	ug/L	3.37	0.05	33.7	1 J+
					Phenanthrene	ug/L	0.22	0.05	2.2	1 J+
					Pyrene	ug/L	0.05	0.05	0.5	0*

***Notes:** Associated sample results were non-detects.

Table 10a. LCS Frequency That Were Not Met

Analytical Batch	Reason For Not Meeting Required Frequency	LCS ID	Parameter	Associated Sample
SW8270				
24I1803	LCS was analyzed on a different instrument than the associated sample	BJ40212-BS1	All SVOC	Remington_IDW

Table B-10b. Laboratory Control Sample Exceedances

Sample Batch	Analytical Batch	LCS Sample Code	Analytical Date	Parameter	% Recovery	Control Limits % Recovery	# of Flags
Method SW8260 (1)							
24I1803, 24I1810	BJ40053	BJ40053-BS1	10/1/24	1,1-Dichloroethane	80.8	82-129	7 UJ
				Acetone	213	14-150	0 (2)
				Chlorobenzene	86.9	88-120	7 UJ
				Chloroform	81.7	82-128	2 J-; 5 UJ
				cis-1-2-Dichloroethylene	80.6	83-129	2 J-, 5 UJ
				Tetrachloroethylene	44.4	82-131	1 J-; 6 UJ
24I1803, 24I1810	BJ40053	BJ40053-BSD1	10/1/24	1,1-Dichloroethane	81.8	82-129	0 (2)
				Acetone	215	14-150	5 J+
				cis-1-2-Dichloroethylene	81.4	83-129	0 (2)
				Tetrachloroethylene	44.6	82-131	0 (2)
24I1810	BJ40119	BJ40119-BS1	10/3/24	Acrolein	3	10-153	0 (3)
				Tetrachloroethylene	53.5	82-131	0 (3)
24I1810	BJ40119	BJ40119-BSD1	10/3/24	Tetrachloroethylene	53.2	82-131	0 (3)
Method SW8270							
24I1810	BJ40107	BJ40107-BS1	10/3/2024	Benzoic Acid	0	30-130	4 R
24I1810	BJ40212	BJ40212-BS1	10/4/2024	2,4-Dinitrophenol	172	10-170	0 (4)
				4,6-Dinitro-2-methylphenol	200	10-153	0 (4)
				Benzoic Acid	189	30-130	0 (4)
24I1810	BJ40212	BJ40212-BS2	10/4/2024	Hexachlorobenzene	14	23-124	1 R
				N-Nitrosodimethylamine	0	10-124	1 R
				Pentachlorophenol	177	10-156	0 (4)

Note:

1) LCS evaluation is not required according to data validation guidelines (EPA, 2020b). Therefore *SVOC* LCS guidelines were used for evaluation purposes. However, associated sample results qualified "UJ" instead of "R", as required for SVOC data.

2) Associated sample results were already flagged for the paired LCS or LCSD recovery exceedance.

3) Associated sample results were qualified for another QC sample exceedance.

4) Associated sample results were non-detects.

Table 11a. Laboratory Duplicate Frequency Omissions

SDG	Reason For Not Meeting Required Frequency	Duplicate Sample	Parameter	Assoc. Samples (Lab Code Suffix)
Method SW8082				
24I1803	A lab duplicate was not analyzed for the SDG.		All PCBs	Remington_IDW
Method SW8270				
24I1803	Lab duplicate was analyzed on a different instrument than the associated sample	BJ40212-BS1	All SVOC	Remington_IDW

Table B-11b. Laboratory Duplicate Exceedances

SDG	Analytical Batch	Dup Sample Code	Analysis Date	Parameter	RPD or Diff	RPD or Diff Limit	# of Flags
Method SW8260							
24I1810	BJ40119	BJ40119-BSD1	10/3/24	Acrolein	189	30	0 (1)
Method SW8270							
24I1810	BJ40053	BJ40053-MSD1	10/2/24	All SVOCs	>30	30	0 (2)

Notes:

1) Associated results were already qualified for another QC exceedance.

2) It was determined that the exceedances were associated to the paired MS/MS duplicate only.

Table 12a. Matrix Spike Frequency Omissions

SDG	Reason for Not Meeting Frequency Requirements	Parameter	Assoc. Samples
Method SW6020			
24I1803	No SDG MS sample analyzed	All Metals	Remington-IDW
24I0810	No SDG MS sample analyzed	All Metals	MW-1 through MW-6, MW-7, MW-9, DUP-1
Method SW8270			
24H1803	No SDG MS sample analyzed	All SVOC	Remington-IDW
24H1810	MS samples were not analyzed in the same analytical batches as the associated SDG samples. The results were not used for evaluation purposes.	All SVOC	MW-1 through MW-6, MW-7, MW-9, DUP-1

Table B-12b. Matrix Spike Recovery Exceedances

SDG	Analytical Batch	Source Sample Code	MS Sample Code	Analysis Date	Parameter	% Recovery	QC Rec %	# of Flags
Method SW8260								
24I1810	S4J0211	MW-1	BJ40053-MS1	10/2/24	1,2,4-Trimethylbenzene	71.1	72-129	0 (1)
					1,2-Dichloropropane	75.2	77-121	0 (1)
					1,3-Dichlorobenzene	67.7	74-119	0 (1)
					1,4-Dichlorobenzene	68.3	70-124	0 (1)
					Acetone	169	13-149	0 (1)
					Bromochloromethane	70.3	75-121	0 (1)
					Chlorobenzene	75.3	81-117	0 (1)
					Chloroform	69.6	80-124	0 (1)
					cis-1,2-Dichloroethylene	68.5	76-125	0 (1)
					Methyl tert-butyl ether	67.5	75-128	0 (1)
					Methylcyclohexane	62.5	70-130	0 (1)
					n-Butylbenzene	60.4	61-138	0 (1)
					Tetrachloroethylene	40	64-139	0 (1)
					trans-1,2-Dichloroethylene	73.5	79-131	0 (1)
24I1810	S4J0211	MW-1	BJ40053-MSD1	10/2/24	1,1,2,2-Tetrachloroethane	130	74-121	0 (2)
					Acetone	249	13-149	0 (3)
					Dichlorodifluoromethane	174	30-147	0 (2)
					Tetrachloroethylene	60.5	64-139	0 (2)

Notes:

1) MS recovery was not used. Using professional judgement, the results for the MS were deemed anomalous and therefore, could not be used to evaluate inter-parameter interferences. However, the associated MS duplicate recoveries were used to evaluate the inter-parameter interferences.

2) Associated sample results were less than the MDL.

3) Associated sample results were already flagged for another QC sample exceedance.

Table B-13. Surrogate Exceedances (Organics)

SDG	Field Sample ID	Lab Sample ID	Analysis Date	Surrogate	% Rec	QC Range % Recovery	#Flags
Method SW8270							
24I1810	MW-5	24I1810-05	10/3/24	Nitrobenzene-d5	123	50.2-113	0*
				2,4,6-Tribromophenol	163	39.3-151	0*
				Terphenyl-d14	119	30.7-106	0*
24I1810	MW-1	24I1810-01	10/4/24	2,4,6-Tribromophenol	152	39.3-151	0*
24I1810	Rinsate Blank 2	24I1810-10	10/4/24	2,4,6-Tribromophenol	161	39.3-151	0*
				Terphenyl-d14	110	30.7-106	0*

***Notes:** Associated results were non-detects.

DATA USABILITY SUMMARY REPORT
NYSDEC CATEGORY B
(USEPA STAGE 3 VALIDATION)

REMINGTON ARMS
BOREHOLE SOIL SAMPLING
INORGANIC, ORGANIC AND PHYSICAL ANALYSES
AUGUST 26 THROUGH SEPTEMBER 16, 2024

YORK LABORATORY WORK ORDERS: 24H1788, 24H2011, 24H2129, 24I0046, 24I0221, 24I0294, 24I0746, 24I0791, 24I0889, and 24I1005

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December 2024

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GLOSSARY OF TERMS

(Not all these terms may be used in this document)

CCB .....Continuing Calibration Blank
CCV .....Continuing Calibration Verification Standard
CLP.....Contract Laboratory Program
Coeff.....Coefficient (Correlation)
Diff.....Difference (%)
DUSR.....Data Usability Summary Report
EPA .....U.S. Environmental Protection Agency
FAP .....Field Activities Plan
GC-MS.....Gas Chromatograph/Mass Spectrometer
HT .....Hold Time
ICB .....Initial Calibration Blank
ICP-MS.....Inductively Coupled Plasma – Mass Spectroscopy
ICS.....Interference Check Sample
ICV .....Initial Calibration Verification
IS.....Internal Standard
LCS.....Laboratory Control Sample
MB .....Method Blank
MDL .....Method Detection Limit
MS .....Matrix Spike
MSD .....Matrix Spike Duplicate
NA.....Not Applicable
NYSDEC.....New York State Department of Environmental Conservation
PARCC.....Precision, Accuracy, Representation, Completeness & Comparability
PCBs.....Polychlorinated biphenyl (Aroclors)
PFAS.....Perfluoroalkyl Substances
PRDL .....Project Required Detection Limit
QA.....Quality Assurance
QAPP.....Quality Assurance Project Plan
QC.....Quality Control
RF.....Response Factor
Rec.....Recovery
RL.....Reporting Limit
RPD .....Relative Percent Difference
RSD .....Relative Standard Deviation
SCG .....Standard Criteria or Guidance
SD .....Serial Dilution

GLOSSARY OF TERMS (Cont.)

SDG.....Sample Delivery Group
SVOC.....Semi-Volatile Organic Compounds
TOC.....Total Organic Carbon
USEPA.....United States Environmental Protection Agency
VOC.....Volatile Organic Compounds

DATA USABILITY SUMMARY REPORT

This Data Usability Summary Report (DUSR) is for borehole soil samples collected from August 26 through September 16, 2024, at the Remington Arms Site in Ilion, New York. These samples were collected, analyzed, and validated using the Generic Field Activities Plan (FAP) for Work Assignments (HRP, 2019b), Generic Quality Assurance Project Plan (QAPP) for Work Assignments (HRP, 2019a), and the Target Brownfield Sites, Herkimer County, NY – Generic QAPP 5-9-24 Addendum: Remington Arms Multiple Parcels, Ilion, New York (HRP, 2024). Samples were collected by HRP Associates, Inc.

Inorganic, organic and physical constituents for these samples were validated using EPA guidelines for data validation, including Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use (EPA, 2009), National Functional Guidelines for Inorganic Superfund Method Data Review (EPA, 2020a), National Functional Guidelines for Organic Superfund Method Data Review (EPA, 2020b). The validation level used to review this data was the New York State Department of Environmental Conservation (NYSDEC) Category B procedure (EPA Stage 3), according to the QAPP.

Samples were analyzed for physical, inorganic and organic constituents by York Analytical Laboratories, Inc. in Stratford, Connecticut, using work orders 24H1788, 24H2011, 24H2129, 24I0046, 24I0221, 24I0294, 24I0746, 24I0791, 24I0889, and 24I1005.

The sample delivery groups (SDG), and analytical methods are listed in Table A-1. Data validation codes and definitions are listed in Table A-2, and a summary of qualified data is in Table A-3. Table A-4 summarized the precision, accuracy, representation, completeness & comparability (PARCC) for this sample event's data. These tables are in Appendix A.

Detailed field and laboratory Quality Assurance/Quality Control (QA/QC) summary forms and tables are in Appendix B.

Other issues that were noted during this data review:

- Detected results for methods SW8260 (VOC), and SW8270 (SVOC) were reported down the method detection limit (MDL). Detected results for all other methods were reported down to the laboratory's reporting limits.
- Trip blanks were not submitted for this sampling event. Therefore, possible low-level cross-contamination during shipping could not be measured.
- Field notes were not submitted for this sampling event. Stations where field duplicate samples were collected were obtained by an email from the project manager.

- Field rinsate blanks results were not used to qualify data. However, the detections were noted in the report.
- The sample containers used to ship samples for method SW8260 (VOC) analyses were glass jars, not hermetically sealed vials (trap and seal containers), as required by preparation method SW5035A. This is a common occurrence and with the laboratory's input, no action was taken.

Conclusion

Of 10879 measurements, 10785 (99.1%) of the data reviewed for the August/September 2024 Remington Arms borehole soil sampling event, were acceptable and can be used for the purpose they were intended, if qualified data (1354 measurements) are used with caution. Ninety-four (94) measurements were rejected due to gross QC exceedances. These measurements should not be used for the purpose of this project.

Data Validation Report by: Linda L. Tangen

Contractor Review: Cassy George

HRP Associated, Inc.

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APPENDIX A

TABLES

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24H1788	RB_8.26.24	6010B AND 6020	24H1788-06
			SW7470	24H1788-06
			SW8082	24H1788-06
			SW8260	24H1788-06
			SW8270	24H1788-06
			SW8270DSIM	24H1788-06
		SB-1 (12-14)	SM 2540G	24H1788-01
			SW6010	24H1788-01
			SW7473	24H1788-01
			SW8082	24H1788-01
			SW8260	24H1788-01
			SW8270	24H1788-01
		SB-2 (0.5-4)	SM 2540G	24H1788-02
			SW6010	24H1788-02
			SW7473	24H1788-02
			SW8082	24H1788-02
			SW8260	24H1788-02
			SW8270	24H1788-02
		SB-3 (14-16)	SM 2540G	24H1788-04
			SW6010	24H1788-04
			SW7473	24H1788-04
			SW8082	24H1788-04
			SW8260	24H1788-04
			SW8270	24H1788-04
		SB-5 (17.5-20)	SM 2540G	24H1788-05
			SW6010	24H1788-05
			SW7473	24H1788-05
			SW8082	24H1788-05
			SW8260	24H1788-05
			SW8270	24H1788-05
		SB-DUP-1	SM 2540G	24H1788-03
			SW6010	24H1788-03
			SW7473	24H1788-03
			SW8082	24H1788-03
			SW8260	24H1788-03
			SW8270	24H1788-03
	24H2011	RB_8.28.24	6010B AND 6020	24H2011-08

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24H2011	RB_8.28.24	SW7470	24H2011-08
			SW8082	24H2011-08
			SW8260	24H2011-08
			SW8270	24H2011-08
			SW8270DSIM	24H2011-08
		SB-14 (12-15)	SM 2540G	24H2011-07
			SW6010	24H2011-07
			SW7473	24H2011-07
			SW8082	24H2011-07
			SW8260	24H2011-07
			SW8260	24H2011-07RE1
			SW8270	24H2011-07
		SB-22 (16-18)	SM 2540G	24H2011-04
			SW6010	24H2011-04
			SW7473	24H2011-04
			SW8260	24H2011-04
			SW8270	24H2011-04
		SB-24 (23-25)	SM 2540G	24H2011-06
			SW6010	24H2011-06
			SW7473	24H2011-06
			SW8260	24H2011-06
			SW8270	24H2011-06
		SB-4 (0.5-2.5)	SM 2540G	24H2011-03
			SW6010	24H2011-03
			SW7473	24H2011-03
			SW8082	24H2011-03
			SW8260	24H2011-03
			SW8270	24H2011-03
		SB-6 (21-23)	SM 2540G	24H2011-05
			SW6010	24H2011-05
			SW7473	24H2011-05
			SW8082	24H2011-05
			SW8260	24H2011-05
			SW8270	24H2011-05
		SB-7 (15-18)	SM 2540G	24H2011-02
			SW6010	24H2011-02
			SW7473	24H2011-02

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24H2011	SB-7 (15-18)	SW8082	24H2011-02
			SW8260	24H2011-02
			SW8270	24H2011-02
		SB-8 (25-28)	SM 2540G	24H2011-01
			SW6010	24H2011-01
			SW7473	24H2011-01
			SW8082	24H2011-01
			SW8260	24H2011-01
			SW8270	24H2011-01
	24H2129	RB_8.29.24	6010B AND 6020	24H2129-04
			SW7470	24H2129-04
			SW8260	24H2129-04
			SW8270	24H2129-04
			SW8270DSIM	24H2129-04
		SB-45 (28-30)	SM 2540G	24H2129-02
			SW6010	24H2129-02
			SW7473	24H2129-02
			SW8260	24H2129-02
			SW8270	24H2129-02
		SB-46 (20-23)	SM 2540G	24H2129-03
			SW6010	24H2129-03
			SW7473	24H2129-03
			SW8260	24H2129-03
			SW8270	24H2129-03
		SB-47 (25-27)	SM 2540G	24H2129-01
			SW6010	24H2129-01
			SW7473	24H2129-01
			SW8260	24H2129-01RE1
			SW8260	24H2129-01
			SW8270	24H2129-01
	24I0046	RB_8.30.24	6010B AND 6020	24I0046-03
			SW7470	24I0046-03
			SW8260	24I0046-03
			SW8270	24I0046-03
			SW8270DSIM	24I0046-03
		SB-25 (1-3)	SM 2540G	24I0046-02
			SW6010	24I0046-02

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I0046	SB-25 (1-3)	SW7473	24I0046-02
			SW8260	24I0046-02
			SW8270	24I0046-02RE1
			SW8270	24I0046-02
		SB-42 (20-23)	SM 2540G	24I0046-01
			SW6010	24I0046-01
			SW7473	24I0046-01
			SW8260	24I0046-01
			SW8270	24I0046-01
		SB-52 (25-27)	SM 2540G	24I0046-04
			SW6010	24I0046-04
			SW7473	24I0046-04
			SW8260	24I0046-04
			SW8270	24I0046-04
	24I0221	RB_9.3.24	6010B AND 6020	24I0221-04
			SW7470	24I0221-04
			SW8082	24I0221-04
			SW8260	24I0221-04
			SW8270	24I0221-04
			SW8270DSIM	24I0221-04
		SB-26 (5-6)	SM 2540G	24I0221-03
			SW6010	24I0221-03
			SW7473	24I0221-03
			SW8260	24I0221-03
			SW8270	24I0221-03
		SB-27 (1-3)	SM 2540G	24I0221-06
			SW8082	24I0221-06
		SB-29 (1-4)	SM 2540G	24I0221-07
			SW6010	24I0221-07
			SW7473	24I0221-07
			SW8082	24I0221-07
			SW8260	24I0221-07
			SW8270	24I0221-07
		SB-30 (4-6)	SM 2540G	24I0221-01
			SW6010	24I0221-01
			SW7473	24I0221-01
			SW8082	24I0221-01

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I0221	SB-30 (4-6)	SW8260	24I0221-01
			SW8270	24I0221-01
		SB-60 (3-6)	SM 2540G	24I0221-02
			SW6010	24I0221-02
			SW7473	24I0221-02
			SW8260	24I0221-02
			SW8270	24I0221-02
		SB-61 (2-5)	SM 2540G	24I0221-05
			SW6010	24I0221-05
			SW7473	24I0221-05
			SW8260	24I0221-05
			SW8270	24I0221-05RE1
			SW8270	24I0221-05
	24I0294	RB_9.5.24	6010B AND 6020	24I0294-07
			SW7470	24I0294-07
			SW8260	24I0294-07
			SW8270	24I0294-07
			SW8270DSIM	24I0294-07
		SB-20 (1-2.5)	SM 2540G	24I0294-05
			SW6010	24I0294-05
			SW7473	24I0294-05
			SW8270	24I0294-05
		SB-21 (1-2.5)	SM 2540G	24I0294-06
			SW6010	24I0294-06
			SW7473	24I0294-06
			SW8270	24I0294-06
		SB-48 (28-31)	SM 2540G	24I0294-02
			SW6010	24I0294-02
			SW7473	24I0294-02
			SW8260	24I0294-02
			SW8270	24I0294-02
		SB-49 (27-30)	SM 2540G	24I0294-01
			SW6010	24I0294-01
			SW7473	24I0294-01
			SW8260	24I0294-01
			SW8270	24I0294-01
		SB-51 (10-13)	SM 2540G	24I0294-04

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I0294	SB-51 (10-13)	SW6010	24I0294-04
			SW7473	24I0294-04
			SW8260	24I0294-04
			SW8270	24I0294-04
		SB-51 (2-4)	SM 2540G	24I0294-03
			SW6010	24I0294-03
			SW7473	24I0294-03
			SW8260	24I0294-03
			SW8270	24I0294-03
	24I0746	RB_9.9.24	6010B AND 6020	24I0746-05
			SW7470	24I0746-05
			SW8082	24I0746-05
			SW8260	24I0746-05
			SW8270	24I0746-05
			SW8270DSIM	24I0746-05
		SB-10 (23-26)	SM 2540G	24I0746-11
			SW6010	24I0746-11
			SW7473	24I0746-11
			SW8082	24I0746-11
			SW8260	24I0746-11
			SW8270	24I0746-11
		SB-11 (20-23)	SM 2540G	24I0746-12
			SW6010	24I0746-12
			SW7473	24I0746-12
			SW8082	24I0746-12
			SW8260	24I0746-12
			SW8270	24I0746-12
		SB-17 (25-28)	SM 2540G	24I0746-04
			SW6010	24I0746-04
			SW7473	24I0746-04
			SW8082	24I0746-04
			SW8260	24I0746-04
			SW8270	24I0746-04
		SB-18 (2-5)	SM 2540G	24I0746-07
			SW6010	24I0746-07
			SW7473	24I0746-07
			SW8270	24I0746-07

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I0746	SB-19 (1-3)	SM 2540G	24I0746-06
			SW6010	24I0746-06
			SW7473	24I0746-06
			SW8270	24I0746-06
		SB-23 (18-21)	SM 2540G	24I0746-09
			SW6010	24I0746-09
			SW7473	24I0746-09
			SW8260	24I0746-09
			SW8270	24I0746-09
		SB-28 (0.5-2)	SM 2540G	24I0746-02
			SW8082	24I0746-02
		SB-32 (10-12)	SM 2540G	24I0746-13
			SW6010	24I0746-13
			SW7473	24I0746-13
			SW8270	24I0746-13
		SB-33 (8-10)	SM 2540G	24I0746-15
			SW6010	24I0746-15
			SW7473	24I0746-15
			SW8270	24I0746-15
		SB-34 (25-27)	SM 2540G	24I0746-14
			SW6010	24I0746-14
			SW7473	24I0746-14
			SW8270	24I0746-14
		SB-62 (2-5)	SM 2540G	24I0746-01
			SW6010	24I0746-01
			SW7473	24I0746-01
			SW8260	24I0746-01
			SW8270	24I0746-01
		SB-63 (10-12)	SM 2540G	24I0746-03
			SW6010	24I0746-03
			SW7473	24I0746-03
			SW8260	24I0746-03
			SW8270	24I0746-03
		SB-9 (17-20)	SM 2540G	24I0746-10
			SW6010	24I0746-10
			SW7473	24I0746-10
			SW8082	24I0746-10

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I0746	SB-9 (17-20)	SW8260	24I0746-10
			SW8270	24I0746-10
		SB-DUP-2	SM 2540G	24I0746-08
			SW6010	24I0746-08
			SW7473	24I0746-08
			SW8270	24I0746-08
	24I0791	RB_9.12.24	6010B AND 6020	24I0791-09
			SW7470	24I0791-09
			SW8082	24I0791-09
			SW8151	24I0791-09
			SW8260	24I0791-09
			SW8270	24I0791-09
			SW8270DSIM	24I0791-09
		SB-12 (10-12)	SM 2540G	24I0791-04
			SW6010	24I0791-04
			SW7473	24I0791-04
			SW8082	24I0791-04
			SW8260	24I0791-04
			SW8270	24I0791-04
		SB-13 (2-4)	SM 2540G	24I0791-07
			SW6010	24I0791-07
			SW7473	24I0791-07
			SW8082	24I0791-07
			SW8260	24I0791-07
			SW8270	24I0791-07
		SB-15 (20-23)	SM 2540G	24I0791-05
			SW6010	24I0791-05
			SW7473	24I0791-05
			SW8082	24I0791-05
			SW8260	24I0791-05
			SW8270	24I0791-05
		SB-16 (21-24)	SM 2540G	24I0791-03
			SW6010	24I0791-03
			SW7473	24I0791-03
			SW8082	24I0791-03
			SW8260	24I0791-03
			SW8270	24I0791-03

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I0791	SB-35 (1-4)	SM 2540G	24I0791-01
			SW6010	24I0791-01
			SW7473	24I0791-01
			SW8151	24I0791-01
			SW8260	24I0791-01
			SW8270	24I0791-01
		SB-36 (3-5)	SM 2540G	24I0791-08
			SW6010	24I0791-08
			SW7473	24I0791-08
			SW8151	24I0791-08
			SW8260	24I0791-08
			SW8270	24I0791-08
		SB-DUP-3	SM 2540G	24I0791-06
			SW6010	24I0791-06
			SW7473	24I0791-06
			SW8082	24I0791-06
			SW8260	24I0791-06
			SW8270	24I0791-06
			SW8270	24I0791-06RE1
		SB-DUP-4	SM 2540G	24I0791-02
			SW6010	24I0791-02
			SW7473	24I0791-02
			SW8151	24I0791-02
			SW8260	24I0791-02
			SW8270	24I0791-02
	24I0889	RB_9.13.24	6010B AND 6020	24I0889-05
			SW7470	24I0889-05
			SW8260	24I0889-05
			SW8270	24I0889-05
			SW8270DSIM	24I0889-05
		SB-40 (22-24)	SM 2540G	24I0889-02
			SW6010	24I0889-02
			SW7473	24I0889-02
			SW8260	24I0889-02
			SW8260	24I0889-02RE1
			SW8270	24I0889-02
		SB-41 (5-9)	SM 2540G	24I0889-03

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I0889	SB-41 (5-9)	SW6010	24I0889-03
			SW7473	24I0889-03
			SW8260	24I0889-03
			SW8270	24I0889-03
		SB-43 (13-15)	SM 2540G	24I0889-04
			SW6010	24I0889-04
			SW7473	24I0889-04
			SW8260	24I0889-04
			SW8260	24I0889-04RE1
			SW8270	24I0889-04
		SB-44 (22-25)	SM 2540G	24I0889-01
			SW6010	24I0889-01
			SW7473	24I0889-01
			SW8260	24I0889-01
			SW8260	24I0889-01RE1
			SW8270	24I0889-01
	24I1005	BS-200	SM 2540G	24I1005-13
			SW6010	24I1005-13RE1
			SW6010	24I1005-13
			SW7473	24I1005-13
		CS-1	SM 2540G	24I1005-05
			SW6010	24I1005-05
			SW7473	24I1005-05
			SW8081	24I1005-05
			SW8082	24I1005-05
			SW8270	24I1005-05
		CS-2	SM 2540G	24I1005-07
			SW6010	24I1005-07
			SW7473	24I1005-07
			SW8081	24I1005-07
			SW8082	24I1005-07
			SW8270	24I1005-07
		CS-3	SM 2540G	24I1005-09
			SW6010	24I1005-09
			SW7473	24I1005-09
			SW8081	24I1005-09
			SW8082	24I1005-09

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I1005	CS-3	SW8270	24I1005-09
		CS-4	SM 2540G	24I1005-11
			SW6010	24I1005-11
			SW7473	24I1005-11
			SW8081	24I1005-11
			SW8082	24I1005-11
			SW8270	24I1005-11
		GS-1	SM 2540G	24I1005-04
			SW8260	24I1005-04
		GS-2	SM 2540G	24I1005-06
			SW8260	24I1005-06
		GS-3	SM 2540G	24I1005-08
			SW8260	24I1005-08
		GS-4	SM 2540G	24I1005-10
			SW8260	24I1005-10
		RB_9.16.24	6010B AND 6020	24I1005-12
			SW7470	24I1005-12
			SW8081	24I1005-12
			SW8082	24I1005-12
			SW8151	24I1005-12
			SW8260	24I1005-12
			SW8270	24I1005-12
			SW8270DSIM	24I1005-12
		SB-37 (2.5-3.5)	SM 2540G	24I1005-02
			SW6010	24I1005-02
			SW7473	24I1005-02
			SW8151	24I1005-02
			SW8260	24I1005-02
			SW8270	24I1005-02
		SB-38 (3-5)	SM 2540G	24I1005-03
			SW6010	24I1005-03
			SW7473	24I1005-03
			SW8151	24I1005-03
			SW8260	24I1005-03
			SW8270	24I1005-03
		SB-39 (1.5-3.5)	SM 2540G	24I1005-01
			SW6010	24I1005-01

Table A-1. Summary of Sample Delivery Groups and Analytical Methods

Remington Arms - Soil Borehole Project

August/September 2024 Sampling Event

Laboratory	Delivery Group	Field Sample ID	Analytical Method	Laboratory ID
York	24I1005	SB-39 (1.5-3.5)	SW7473	24I1005-01
			SW8151	24I1005-01
			SW8260	24I1005-01
			SW8270	24I1005-01

Table A-2. Data Validation Codes and Definitions
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Event

Qualifier	Description
UJ	Analyte detected in blank
J	Estimated value
J-	Estimated with negative bias
J+	Estimated with positive bias
R	Rejected data

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date*	*Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
CS-1						
CS-1	**24I1005-05**	**9/16/2024**				
2,4-Dinitrophenol			< 0.0859	mg/kg	UJ	CCV - 21.9% Diff
4,6-Dinitro-2-methylphenol			< 0.0859	mg/kg	UJ	CCV - 52.5% Diff
Acenaphthene			< 0.0431	mg/kg	UJ	CCV - 20.1% Diff
Acenaphthylene			0.0604	mg/kg	J	CCV - 23.7% Diff; Result <RL & >MDL
Anthracene			0.0742	mg/kg	J	Result <RL & >MDL
Benzo(a)pyrene			0.0707	mg/kg	J	Result <RL & >MDL
Benzoic acid			< 0.0431	mg/kg	UJ	CCV - 53.1% Diff
bis(2-Chloroethoxy)methane			< 0.0431	mg/kg	UJ	CCV - 21.2% Diff
bis(2-Chloroisopropyl)ether			< 0.0431	mg/kg	UJ	CCV - 31.9% Diff
bis(2-Ethylhexyl)phthalate			< 0.0431	mg/kg	UJ	CCV - 26.8% Diff
Hexachlorocyclopentadiene			< 0.0431	mg/kg	UJ	CCV - 49.4% Diff
Mercury			0.178	mg/kg	J	Lab Dup - 151 RPD
N-Nitrosodimethylamine			< 0.0431	mg/kg	UJ	CCV - 27.4% Diff
Pyridine			< 0.172	mg/kg	UJ	CCV - 25.1% Diff
CS-2						
CS-2	**24I1005-07**	**9/16/2024**				
2,4-Dinitrophenol			< 0.0849	mg/kg	UJ	CCV - 21.9% Diff
4,6-Dinitro-2-methylphenol			< 0.0849	mg/kg	UJ	CCV - 52.5% Diff
Acenaphthene			< 0.0426	mg/kg	UJ	CCV - 20.1% Diff
Acenaphthylene			< 0.0426	mg/kg	UJ	CCV - 23.7% Diff
Benzoic acid			< 0.0426	mg/kg	UJ	CCV - 53.1% Diff
bis(2-Chloroethoxy)methane			< 0.0426	mg/kg	UJ	CCV - 21.2% Diff
bis(2-Chloroisopropyl)ether			< 0.0426	mg/kg	UJ	CCV - 31.9% Diff
bis(2-Ethylhexyl)phthalate			< 0.0426	mg/kg	UJ	CCV - 26.8% Diff
Fluorene			0.0462	mg/kg	J	Result <RL & >MDL
Hexachlorocyclopentadiene			< 0.0426	mg/kg	UJ	CCV - 49.4% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date*	*Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
CS-2						
CS-2	**24I1005-07**	**9/16/2024**				
Mercury			0.105	mg/kg	J	Lab Dup - 151 RPD
N-Nitrosodimethylamine			< 0.0426	mg/kg	UJ	CCV - 27.4% Diff
Pyridine			< 0.17	mg/kg	UJ	CCV - 25.1% Diff
CS-3						
CS-3	**24I1005-09**	**9/16/2024**				
2,4-Dinitrophenol			< 0.0931	mg/kg	UJ	CCV - 21.9% Diff
4,6-Dinitro-2-methylphenol			< 0.0931	mg/kg	UJ	CCV - 52.5% Diff
Acenaphthene			< 0.0466	mg/kg	UJ	CCV - 20.1% Diff
Acenaphthylene			0.0528	mg/kg	J	CCV - 23.7% Diff; Result <RL & >MDL
Benzoic acid			< 0.0466	mg/kg	UJ	CCV - 53.1% Diff
bis(2-Chloroethoxy)methane			< 0.0466	mg/kg	UJ	CCV - 21.2% Diff
bis(2-Chloroisopropyl)ether			< 0.0466	mg/kg	UJ	CCV - 31.9% Diff
bis(2-Ethylhexyl)phthalate			< 0.0466	mg/kg	UJ	CCV - 26.8% Diff
Carbazole			0.0484	mg/kg	J	Result <RL & >MDL
Hexachlorocyclopentadiene			< 0.0466	mg/kg	UJ	CCV - 49.4% Diff
N-Nitrosodimethylamine			< 0.0466	mg/kg	UJ	CCV - 27.4% Diff
Pyridine			< 0.186	mg/kg	UJ	CCV - 25.1% Diff
CS-4						
CS-4	**24I1005-11**	**9/16/2024**				
4,6-Dinitro-2-methylphenol			< 0.0838	mg/kg	UJ	CCV - 34.4% Diff
4-Nitroaniline			< 0.0838	mg/kg	UJ	CCV - 20.7% Diff
Acenaphthene			0.0449	mg/kg	J	Result <RL & >MDL
Dibenz(a,h)anthracene			0.061	mg/kg	J	Result <RL & >MDL
Pentachlorophenol			< 0.042	mg/kg	UJ	CCV - 23.0% Diff
Pyridine			< 0.168	mg/kg	UJ	CCV - 22.9% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
GS-1					
GS-1	**24I1005-04**	**9/16/2024**			
Chloromethane		< 0.0027	mg/kg	UJ	CCV - 22.8% Diff
Dichlorodifluoromethane		< 0.0027	mg/kg	UJ	CCV - 46.3% Diff
Methylene chloride		0.019	mg/kg	J	Cal - 66.5 RRF RSD
GS-2					
GS-2	**24I1005-06**	**9/16/2024**			
Dichlorodifluoromethane		< 0.0025	mg/kg	UJ	CCV - 57.7% Diff
Methylene chloride		0.017	mg/kg	J	Cal - 66.5 RRF RSD; MB - Result (0.020 mg/kg) > RL
Tetrachloroethene		< 0.0025	mg/kg	UJ	CCV - 35.9% Diff
GS-3					
GS-3	**24I1005-08**	**9/16/2024**			
Dichlorodifluoromethane		< 0.0023	mg/kg	UJ	CCV - 57.7% Diff
Methylene chloride		0.015	mg/kg	J	Cal - 66.5 RRF RSD; MB - Result (0.020 mg/kg) > RL
Tetrachloroethene		< 0.0023	mg/kg	UJ	CCV - 35.9% Diff
GS-4					
GS-4	**24I1005-10**	**9/16/2024**			
Dichlorodifluoromethane		< 0.0031	mg/kg	UJ	CCV - 57.7% Diff
Methylene chloride		0.022	mg/kg	J	Cal - 66.5 RRF RSD; MB - Result (0.020 mg/kg) > RL
Tetrachloroethene		< 0.0031	mg/kg	UJ	CCV - 35.9% Diff
Rinsate Blank					
RB_8.26.24	**24H1788-06**	**8/26/2024**			
2,3,4,6-Tetrachlorophenol		< 2.5	ug/l	UJ	CCV - 21.8% Diff
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 83.4% Diff
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 25.6% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date*		*Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank							
RB_8.26.24	**24H1788-06**	**8/26/2024**					
4,6-Dinitro-2-methylphenol			<	2.5	ug/l	UJ	CCV - 91.8% Diff
4-Nitrophenol			<	5	ug/l	UJ	CCV - 95.7% Diff
Aniline			<	2.5	ug/l	UJ	CCV - 49.1% Diff
Antimony			<	1.11	ug/l	UJ	CCV - 87.5% Rec
Benzoic acid			<	2.5	ug/l	R	LCS - 18% Rec
bis(2-Chloroethyl)ether			<	1	ug/l	UJ	CCV - 112% Diff
Bromomethane			<	0.119	ug/l	UJ	LCS - 35.3% Rec
Butyl benzyl phthalate			<	2.5	ug/l	UJ	CCV - 30.8% Diff
Di-N-Octyl phthalate			<	2.5	ug/l	UJ	CCV - 25.4% Diff
Hexachlorobenzene			<	0.02	ug/l	R	LCS - 8% Rec
N-Nitrosodimethylamine			<	0.5	ug/l	R	LCS - 0% Rec
Pentachlorophenol			<	0.25	ug/l	UJ	CCV - 118% Diff
Tetrachloroethene			<	0.239	ug/l	UJ	LCS - 49.9% Rec
trans-1,3-Dichloropropene				0.32	ug/l	J	Result <RL & >MDL
Zinc				8.26	ug/l	J	Lab Dup - 73.8 RPD; SD - 149% Diff
RB_8.28.24	**24H2011-08**	**8/28/2024**					
2,4-Dichlorophenol			<	2.5	ug/l	UJ	CCV - 111% Diff
2,4-Dinitrotoluene			<	2.5	ug/l	UJ	CCV - 36.1% Diff
2,6-Dinitrotoluene			<	2.5	ug/l	UJ	CCV - 23.3% Diff
4,6-Dinitro-2-methylphenol			<	2.5	ug/l	UJ	CCV - 114% Diff
4-Nitrophenol			<	5	ug/l	UJ	CCV - 96% Diff
Aniline			<	2.5	ug/l	UJ	CCV - 58.9% Diff
Antimony			<	1.11	ug/l	UJ	CCV - 84.4% Rec
Benzidine			<	5	ug/l	UJ	CCV - 20.2% Diff
Benzoic acid			<	2.5	ug/l	R	LCS - 0% Rec; CCV - 29.6% Rec
Beryllium			<	0.333	ug/l	UJ	CCV - 75.0% Rec
bis(2-Chloroethyl)ether			<	1	ug/l	UJ	CCV - 126% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_8.28.24	**24H2011-08**	**8/28/2024**			
Butyl benzyl phthalate		< 2.5	ug/l	UJ	CCV - 22.2% Diff
Cadmium		< 0.556	ug/l	UJ	CCV - 85.1% Rec
Chromium		1.17	ug/l	J-	CCV - 89.4% Rec
Nickel		< 1.11	ug/l	UJ	CCV - 88.5% Rec
Tetrachloroethene		< 0.239	ug/l	UJ	CCV - 32.8% Diff; LCS - 59.4% Rec
RB_8.29.24	**24H2129-04**	**8/29/2024**			
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 74.9% Diff
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 47.7% Diff
2,6-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 36.0% Diff
2-Nitroaniline		< 2.5	ug/l	UJ	CCV - 24.1% Diff
3,3'-Dichlorobenzidine		< 2.5	ug/l	UJ	CCV - 48.6% Diff
3-Nitroaniline		< 2.5	ug/l	UJ	CCV - 45.3% Diff
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	UJ	CCV - 68.1% Diff
4-Bromophenyl-phenylether		< 2.5	ug/l	UJ	CCV - 24.2% Diff
4-Chloroaniline		< 2.5	ug/l	UJ	CCV - 31.8% Diff
4-Chlorophenyl-phenylether		< 2.5	ug/l	UJ	CCV - 32.2% Diff
4-Nitroaniline		< 2.5	ug/l	UJ	CCV - 21.7% Diff
Acetone		< 1.34	ug/l	UJ	CCV - 29.1% Diff; LCS - 193% Rec
Antimony		< 1.11	ug/l	UJ	CCV - 84.8% Rec
Benzidine		< 5	ug/l	UJ	CCV - 101% Diff
Benzoic acid		< 2.5	ug/l	R	LCS - 0% Rec
Beryllium		< 0.333	ug/l	UJ	CCV - 88.3% Rec
Bromomethane		< 0.119	ug/l	UJ	CCV - 77.5% Diff
Cadmium		< 0.556	ug/l	UJ	CCV - 86.8% Rec
Caprolactam		< 2.5	ug/l	UJ	CCV - 24.3% Diff
Chloromethane		< 0.372	ug/l	UJ	CCV - 29.4% Diff
Diethylphthalate		< 2.5	ug/l	UJ	CCV - 20.6% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_8.29.24	**24H2129-04**	**8/29/2024**			
Di-N-Octyl phthalate		< 2.5	ug/l	UJ	CCV - 43.6% Diff
Hexachlorobenzene		< 0.02	ug/l	R	LCS - 10% Rec
N-Nitrosodimethylamine		< 0.5	ug/l	R	LCS - 0% Rec
Pentachlorophenol		< 0.25	ug/l	UJ	CCV - 68.4% Diff
Pyridine		< 2.5	ug/l	R	LCS - 7.5% Rec
Tetrachloroethene		< 0.239	ug/l	UJ	CCV - 33.4% Diff; LCS - 53.5% Rec
RB_8.30.24	**24I0046-03**	**8/30/2024**			
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.286	ug/l	UJ	CCV - 20.7% Diff
1,2,3-Trichlorobenzene		< 0.222	ug/l	UJ	CCV - 21.8% Diff
1,2,4-Trichlorobenzene		< 0.138	ug/l	UJ	CCV - 24.3% Diff
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 103% Diff
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 34.4% Diff
2,6-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 21.2% Diff
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	UJ	CCV - 108% Diff
Acetone		< 1.34	ug/l	UJ	CCV - 24.7% Diff
Antimony		< 1.11	ug/l	UJ	CCV - 85.4% Rec
Arsenic		< 1.11	ug/l	UJ	CCV - 89.2% Rec
Benzidine		< 5	ug/l	UJ	CCV - 25.1% Diff
Benzoic acid		< 2.5	ug/l	R	LCS - 0% Rec; 24.8 CCV
bis(2-Chloroethyl)ether		< 1	ug/l	UJ	CCV - 21.2% Diff
Bromomethane		< 0.119	ug/l	UJ	CCV - 47.1% Diff
Butyl benzyl phthalate		< 2.5	ug/l	UJ	CCV - 24.7% Diff
Carbon disulfide		< 0.362	ug/l	UJ	CCV - 25.7% Diff
Chloromethane		< 0.372	ug/l	UJ	CCV - 23.2% Diff
Hexachlorobenzene		< 0.02	ug/l	R	LCS - 10% Rec
Hexachlorobutadiene		< 0.241	ug/l	UJ	CCV - 24.1% Diff
N-Nitrosodimethylamine		< 0.5	ug/l	R	LCS - 0% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_8.30.24	**24I0046-03**	**8/30/2024**			
Pentachlorophenol		< 0.25	ug/l	UJ	CCV - 68.4% Diff
Pyridine		< 2.5	ug/l	R	LCS - 7.5% Rec
RB_9.12.24	**24I0791-09**	**9/12/2024**			
1,1,2-Trichloroethane		< 0.249	ug/l	UJ	LCS - 80.3% Rec
1,2-Dichloroethane		< 0.377	ug/l	UJ	LCS - 80.7% Rec
2,3,4,6-Tetrachlorophenol		< 2.5	ug/l	UJ	CCV - 25.3% Diff
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 35.7% Diff
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 31.9% Diff
2,6-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 21.9% Diff
2-Methylphenol		< 2.5	ug/l	UJ	CCV - 46.4% Diff
3- And 4- Methylphenol (Total)		< 2.5	ug/l	UJ	CCV - 42.5% Diff
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	UJ	CCV - 87.6% Diff
Acrolein		< 0.447	ug/l	UJ	CCV - 85.6% Diff
Aniline		< 2.5	ug/l	UJ	CCV - 62.8% Diff
bis(2-Chloroethyl)ether		< 1	ug/l	UJ	CCV - 131% Diff
Bromochloromethane		< 0.354	ug/l	UJ	CCV - 55.4% Diff
Chloromethane		< 0.372	ug/l	UJ	CCV - 32.2% Diff
cis-1,3-Dichloropropene		< 0.262	ug/l	UJ	LCS - 79.0% Rec
Copper		6.71	ug/l	J	Lab Dup - 4.61 ug/L Diff; SD - 46.9% Diff
Dichlorodifluoromethane		< 0.451	ug/l	UJ	CCV - 55.3% Diff
Hexachlorobenzene		< 0.02	ug/l	R	LCS - 10% Rec
N-Nitrosodimethylamine		< 0.5	ug/l	R	LCS - 0% Rec
Phenol		< 0.75	ug/l	UJ	CCV - 91.2% Diff
Pyridine		< 2.5	ug/l	UJ	CCV - 23.3% Diff
Tetrachloroethene		< 0.239	ug/l	UJ	LCS - 49.0% Rec
Vinylchloride		< 0.469	ug/l	UJ	CCV - 21.0% Diff
Zinc		14.7	ug/l	J+	LCSD - 123% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_9.13.24	**24I0889-05**	**9/13/2024**			
1,1,2-Trichloroethane		< 0.249	ug/l	UJ	LCS - 80.3% Rec
1,2-Dichloroethane		< 0.377	ug/l	UJ	LCS - 80.7% Rec
2,3,4,6-Tetrachlorophenol		< 2.5	ug/l	UJ	CCV - 25.3% Diff
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 35.7% Diff
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 31.9% Diff
2,6-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 21.9% Diff
2-Methylphenol		< 2.5	ug/l	UJ	CCV - 46.4% Diff
3- And 4- Methylphenol (Total)		< 2.5	ug/l	UJ	CCV - 42.5% Diff
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	UJ	CCV - 87.6% Diff
Acrolein		< 0.447	ug/l	UJ	CCV - 85.6% Diff
Aniline		< 2.5	ug/l	UJ	CCV - 62.8% Diff
bis(2-Chloroethyl)ether		< 1	ug/l	UJ	CCV - 131% Diff
Bromochloromethane		< 0.354	ug/l	UJ	CCV - 55.4% Diff
Chloromethane		< 0.372	ug/l	UJ	CCV - 32.2% Diff
cis-1,3-Dichloropropene		< 0.262	ug/l	UJ	LCS - 79.0% Rec
Dichlorodifluoromethane		< 0.451	ug/l	UJ	CCV - 55.3% Diff
Phenol		< 0.75	ug/l	UJ	CCV - 91.2% Diff
Pyridine		< 2.5	ug/l	UJ	CCV - 23.3% Diff
Tetrachloroethene		< 0.239	ug/l	UJ	LCS - 49.0% Rec
Vinylchloride		< 0.469	ug/l	UJ	CCV - 21.0% Diff
RB_9.16.24	**24I1005-12**	**9/16/2024**			
1,2,3-Trichlorobenzene		< 0.222	ug/l	UJ	CCV - 20.7% Diff
1,3-Dichlorobenzene		< 0.283	ug/l	UJ	LCS - 83.5% Rec
1,4-Dichlorobenzene		< 0.311	ug/l	UJ	LCS - 82.6% Rec
1,4-Dioxane		< 35.3	ug/l	UJ	CCV - 46.9% Diff
2,3,4,6-Tetrachlorophenol		< 2.5	ug/l	UJ	CCV - 20.6% Diff
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 28.6% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_9.16.24	**24I1005-12**	**9/16/2024**			
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 31.7% Diff
2,6-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 21.5% Diff
2-Methylphenol		< 2.5	ug/l	UJ	CCV - 43.8% Diff
3- And 4- Methylphenol (Total)		< 2.5	ug/l	R	LCS - 0% Rec; LCSD - 186 RPD; CCV - 39.2% Diff
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	UJ	CCV - 91.6% Diff
4-Nitrophenol		< 5	ug/l	UJ	CCV - 94.5% Diff
Acrolein		< 0.447	ug/l	UJ	CCV - 27.9% Diff
Aniline		< 2.5	ug/l	UJ	CCV - 69.1% Diff; LCSD - 21.7 RPD
Benzoic acid		< 2.5	ug/l	R	LCS - 0% Rec; CCV - 21.3% Diff
bis(2-Chloroethyl)ether		< 1	ug/l	UJ	CCV - 141% Diff
bis(2-Chloroisopropyl)ether		< 2.5	ug/l	UJ	LCSD - 22.2% Rec
Chlorobenzene		< 0.284	ug/l	UJ	LCS - 87.4% Rec
Dichlorodifluoromethane		< 0.451	ug/l	UJ	CCV - 28.5% Diff
Hexachlorobenzene		< 0.1	ug/l	R	LCS - 5% Rec;
Hexachlorobutadiene		< 2.5	ug/l	R	LCS - 0% Rec;
Hexachloroethane		< 2.5	ug/l	UJ	CCV - 36.9% Diff
N-Nitrosodimethylamine		< 2.5	ug/l	R	LCS - 0% Rec;
Pentachlorophenol		< 1.25	ug/l	R	LCS - 0% Rec;
Pyridine		< 2.5	ug/l	R	LCS - 0% Rec
Tetrachloroethene		< 0.239	ug/l	UJ	CCV - 44.9% Diff
RB_9.3.24	**24I0221-04**	**9/3/2024**			
1,2,4,5-Tetrachlorobenzene		< 2.5	ug/l	R	IS - <4 % Area
1,2-Diphenylhydrazine		< 2.5	ug/l	R	IS - <4 % Area
2,3,4,6-Tetrachlorophenol		< 2.5	ug/l	R	IS - <4 % Area
2,4,5-Trichlorophenol		< 2.5	ug/l	R	IS - <4 % Area
2,4,6-Trichlorophenol		< 2.5	ug/l	R	IS - <4 % Area

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_9.3.24	**24I0221-04**	**9/3/2024**			
2,4-Dichlorophenol		< 2.5	ug/l	R	IS - <4 % Area
2,4-Dimethylphenol		< 2.5	ug/l	R	IS - <4 % Area
2,4-Dinitrophenol		< 2.5	ug/l	R	IS - <4 % Area
2,4-Dinitrotoluene		< 2.5	ug/l	R	IS - <4 % Area
2,6-Dinitrotoluene		< 2.5	ug/l	R	IS - <4 % Area
2-Chloronaphthalene		< 2.5	ug/l	R	IS - <4 % Area
2-Chlorophenol		< 2.5	ug/l	R	IS - <4 % Area
2-Hexanone		< 0.32	ug/l	UJ	CCV - 21.8% Diff
2-Methylnaphthalene		< 2.5	ug/l	R	IS - <4 % Area
2-Methylphenol		< 2.5	ug/l	R	IS - <4 % Area
2-Nitroaniline		< 2.5	ug/l	R	IS - <4 % Area
2-Nitrophenol		< 2.5	ug/l	R	IS - <4 % Area
3- And 4- Methylphenol (Total)		< 2.5	ug/l	R	IS - <4 % Area
3,3'-Dichlorobenzidine		< 2.5	ug/l	R	IS - <4 % Area
3-Nitroaniline		< 2.5	ug/l	R	IS - <4 % Area
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	R	IS - <4 % Area
4-Bromophenyl-phenylether		< 2.5	ug/l	R	IS - <4 % Area
4-Chloroaniline		< 2.5	ug/l	R	IS - <4 % Area
4-Chlorophenyl-phenylether		< 2.5	ug/l	R	IS - <4 % Area
4-Nitroaniline		< 2.5	ug/l	R	IS - <4 % Area
4-Nitrophenol		< 5	ug/l	R	IS - <4 % Area
Acetone		< 1.34	ug/l	UJ	CCV - 40.1% Diff
Acetophenone		< 2.5	ug/l	R	IS - <4 % Area
Aniline		< 2.5	ug/l	R	IS - <4 % Area
Benzaldehyde		< 2.5	ug/l	R	IS - <4 % Area
Benzidine		< 5	ug/l	R	IS - <4 % Area
Benzoic acid		< 2.5	ug/l	R	IS - <4 % Area

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_9.3.24	**24I0221-04**	**9/3/2024**			
Benzyl alcohol		< 2.5	ug/l	R	IS - <4 % Area
Biphenyl (Diphenyl or 1,1'-Biphenyl)		< 2.5	ug/l	R	IS - <4 % Area
bis(2-Chloroethoxy)methane		< 2.5	ug/l	R	IS - <4 % Area
bis(2-Chloroethyl)ether		< 1	ug/l	R	IS - <4 % Area
bis(2-Chloroisopropyl)ether		< 2.5	ug/l	R	IS - <4 % Area
Butyl benzyl phthalate		< 2.5	ug/l	R	IS - <4 % Area
Caprolactam		< 2.5	ug/l	R	IS - <4 % Area
Carbazole		< 2.5	ug/l	R	IS - <4 % Area
Dibenzofuran		< 2.5	ug/l	R	IS - <4 % Area
Dichlorodifluoromethane		< 0.451	ug/l	UJ	CCV - 38.3% Diff
Diethylphthalate		< 2.5	ug/l	R	IS - <4 % Area
Dimethyl phthalate		< 2.5	ug/l	R	IS - <4 % Area
Di-N-Butyl phthalate		< 2.5	ug/l	R	IS - <4 % Area
Di-N-Octyl phthalate		< 2.5	ug/l	R	IS - <4 % Area
Diphenylamine		< 2.5	ug/l	R	IS - <4 % Area
Hexachlorobenzene		< 0.02	ug/l	R	LCS - 9% Rec
Hexachlorocyclopentadiene		< 5	ug/l	R	IS - <4 % Area
Isophorone		< 2.5	ug/l	R	IS - <4 % Area
N-Nitrosodimethylamine		< 0.5	ug/l	R	LCS - 9% Rec
N-Nitroso-di-N-propylamine		< 2.5	ug/l	R	IS - <4 % Area
N-Nitrosodiphenylamine		< 2.5	ug/l	R	IS - <4 % Area
p-Chloro-m-cresol		< 2.5	ug/l	R	IS - <4 % Area
Phenol		< 0.75	ug/l	R	IS - <4 % Area
Pyridine		< 2.5	ug/l	R	IS - <4 % Area
Tert-Butyl Alcohol		< 0.608	ug/l	UJ	CCV - 24.9% Diff
Tetrachloroethene		< 0.239	ug/l	UJ	CCV - 46.7% Diff; LCS - 46.3% Rec

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank					
RB_9.5.24	**24I0294-07**	**9/5/2024**			
2,4-Dinitrophenol		< 2.5	ug/l	UJ	CCV - 123% Diff
2,4-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 36.6% Diff
2,6-Dinitrotoluene		< 2.5	ug/l	UJ	CCV - 25.5% Diff
4,6-Dinitro-2-methylphenol		< 2.5	ug/l	UJ	CCV - 114% Diff
4-Nitrophenol		< 5	ug/l	UJ	CCV - 95.2% Diff
Acetone		< 1.34	ug/l	UJ	CCV - 26.2% Diff
Aniline		< 2.5	ug/l	UJ	CCV - 53.5% Diff
Benzoic acid		< 2.5	ug/l	R	LCS - 0% Rec; CCV - 31.8% Diff
bis(2-Chloroisopropyl)ether		< 2.5	ug/l	UJ	CCV - 118% Diff
Butyl benzyl phthalate		< 2.5	ug/l	UJ	CCV - 21.0% Diff
Chloromethane		< 0.372	ug/l	UJ	CCV - 24.8% Diff
Chromium		1.16	ug/l	J-	CCV - 88.1% Rec
Copper		< 1.11	ug/l	UJ	CCV - 84.6% Rec
Dichlorodifluoromethane		< 0.451	ug/l	UJ	CCV - 45.9% Diff
Hexachlorobenzene		< 0.02	ug/l	R	LCS - 9% Rec
Hexachlorobutadiene		< 0.5	ug/l	R	LCS - 0% Rec
Hexachloroethane		< 0.5	ug/l	R	LCS - 0% Rec
Nickel		< 1.11	ug/l	UJ	CCV - 88.0% Rec
N-Nitrosodimethylamine		< 0.5	ug/l	R	LCS - 0% Rec
Pentachlorophenol		< 0.25	ug/l	UJ	CCV - 31.5% Diff
Pyrene		< 0.05	ug/l	UJ	CCV - 31.4% Diff
Tetrachloroethene		< 0.239	ug/l	UJ	CCV - 40.1% Diff; LCS - 56.9% Rec
Trichloroethene		3.59	ug/l	UJ	CCV - 208% Diff; MB Detect; LCS Exc
Zinc		10.6	ug/l	J-	CCV - 87.9% Rec
RB_9.9.24	**24I0746-05**	**9/9/2024**			
1,3-Dichlorobenzene		< 0.283	ug/l	UJ	LCS - 83.1% Rec
1,4-Dichlorobenzene		< 0.311	ug/l	UJ	LCS - 82.0% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date*	*Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
Rinsate Blank						
RB_9.9.24	**24I0746-05**	**9/9/2024**				
2,4-Dinitrophenol			< 2.5	ug/l	UJ	CCV - 124% Diff
2,4-Dinitrotoluene			< 2.5	ug/l	UJ	CCV - 37.8% Diff
2,6-Dinitrotoluene			< 2.5	ug/l	UJ	CCV - 25.7% Diff
4,6-Dinitro-2-methylphenol			< 2.5	ug/l	UJ	CCV - 117% Diff
4-Chloroaniline			< 2.5	ug/l	UJ	LCSD - 20.7 RPD
4-Nitrophenol			< 5	ug/l	R	LCS - 0% Rec; CCV - 95.3% Diff
Acrolein			< 0.447	ug/l	UJ	CCV - 38.2% Diff
Aniline			< 2.5	ug/l	UJ	CCV - 61.2% Diff
Benzoic acid			< 2.5	ug/l	R	LCS - 0% Rec; CCV - 38.0% Diff
bis(2-Chloroethyl)ether			< 1	ug/l	UJ	CCV - 129% Diff
Bromomethane			< 0.119	ug/l	UJ	CCV - 59.7% Diff
Butyl benzyl phthalate			< 2.5	ug/l	UJ	CCV - 21.4% Diff
Chlorobenzene			< 0.284	ug/l	UJ	LCS - 85.9% Rec
Chloromethane			< 0.372	ug/l	UJ	CCV - 39.5% Diff
Chromium			2.15	ug/l	J	Lab Dup - 51.4 RPD
Dichlorodifluoromethane			< 0.451	ug/l	UJ	CCV - 26.1% Diff
Hexachlorobenzene			< 0.02	ug/l	R	LCS - 8% Rec
N-Nitrosodimethylamine			< 0.5	ug/l	R	LCS - 0% Rec
Phenanthrene			0.1	ug/l	J+	LCS - 204% Rec
Tetrachloroethene			< 0.239	ug/l	UJ	LCS - 56.0% Rec
Zinc			13.6	ug/l	J	Lab Dup - 54.3 RPD
SB-1 (12-14)						
SB-1 (12-14)	**24H1788-01**	**8/26/2024**				
1,1,1,2-Tetrachloroethane			< 0.0019	mg/kg	UJ	CCV - 24.4% Diff
1,1,2-Trichloro-1,2,2-Trifluoroethane			< 0.0019	mg/kg	UJ	CCV - 21.4% Diff
Methylene chloride			0.0061	mg/kg	J	Result <RL & >MDL

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-10 (23-26)					
SB-10 (23-26)	**24I0746-11**	**9/10/2024**			
2,4-Dinitrotoluene		< 0.0437	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0872	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0872	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0872	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		25.6	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.038	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.0437	mg/kg	UJ	CCV - 21.3% Diff
Nickel		16.8	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.0437	mg/kg	UJ	CCV - 26.6% Diff
Pyridine		< 0.175	mg/kg	UJ	CCV - 23.4% Diff
Tetrachloroethene		< 0.0021	mg/kg	UJ	LCS - 79.2% Rec
SB-11 (20-23)					
SB-11 (20-23)	**24I0746-12**	**9/11/2024**			
2,4-Dinitrotoluene		< 0.0877	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.175	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.175	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.175	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		14.1	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.039	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.0877	mg/kg	UJ	CCV - 21.3% Diff
Fluorene		0.11	mg/kg	J	Result <RL & >MDL
Nickel		17.1	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.0877	mg/kg	UJ	CCV - 26.6% Diff
Phenanthrene		0.15	mg/kg	J	Result <RL & >MDL
Pyridine		< 0.35	mg/kg	UJ	CCV - 23.4% Diff
Tetrachloroethene		< 0.0026	mg/kg	UJ	LCS - 79.2% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-12 (10-12)					
SB-12 (10-12)	**24I0791-04**	**9/12/2024**			
2-Hexanone		< 0.0035	mg/kg	UJ	CCV - 0.097 RF
4,6-Dinitro-2-methylphenol		< 0.104	mg/kg	UJ	CCV - 20.7% Diff
Acetone		0.068	mg/kg	J+	LCS - 180% Rec
Aroclor-1260		< 0.021	mg/kg	UJ	CCV = 25.8% Diff
Chloromethane		< 0.0035	mg/kg	UJ	CCV - 22.8% Diff
Dichlorodifluoromethane		< 0.0035	mg/kg	UJ	CCV - 46.3% Diff
Fluoranthene		0.07	mg/kg	J	Result <RL & >MDL
Fluorene		0.065	mg/kg	J	Result <RL & >MDL
Isopropylbenzene (Cumene)		0.32	mg/kg	J+	Surr - 153% Rec
Methylene chloride		0.026	mg/kg	J	Cal - 66.5 RF RSD
Pyrene		0.0892	mg/kg	J	Result <RL & >MDL
SB-13 (2-4)					
SB-13 (2-4)	**24I0791-07**	**9/12/2024**			
2,4-Dinitrophenol		< 0.0949	mg/kg	UJ	CCV-81.3% Diff
4,6-Dinitro-2-methylphenol		< 0.0949	mg/kg	UJ	CCV-29.3% Diff
4-Bromophenyl-phenylether		< 0.0476	mg/kg	UJ	CCV-22.5% Diff
4-Nitrophenol		< 0.0949	mg/kg	UJ	CCV-25.0% Diff
Acenaphthene		0.0804	mg/kg	J	Result <RL & >MDL
Acenaphthylene		0.088	mg/kg	J	Result <RL & >MDL
Acetone		< 0.0059	mg/kg	J+	LCSD - 205% Rec
Aroclor-1260		< 0.0195	mg/kg	UJ	CCV = 25.8% Diff
Benzoic acid		< 0.0476	mg/kg	UJ	CCV-42.1% Diff
Di-N-Octyl phthalate		< 0.0476	mg/kg	UJ	CCV-25.5% Diff
Fluorene		0.0903	mg/kg	J	Result <RL & >MDL
Hexachlorocyclopentadiene		< 0.0476	mg/kg	UJ	CCV-21.7% Diff
Methylene chloride		0.012	mg/kg	J	Cal - 66.5 RF RSD

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-13 (2-4)					
SB-13 (2-4)	**24I0791-07**	**9/12/2024**			
Tetrachloroethene		< 0.003	mg/kg	UJ	CCV - 22.8% Diff
SB-14 (12-15)					
SB-14 (12-15)	**24H2011-07**	**8/28/2024**			
1,1,1,2-Tetrachloroethane		< 0.0026	mg/kg	UJ	LCSD - 73.4% Rec
1,3,5-Trimethylbenzene (Mesitylene)		0.29	mg/kg	J+	Surr - 700% Rec
2,4-Dinitrophenol		< 0.0892	mg/kg	UJ	CCV - 38.9% Diff
2,4-Dinitrotoluene		< 0.0447	mg/kg	UJ	CCV - 27.5% Diff
2,6-Dinitrotoluene		< 0.0447	mg/kg	UJ	CCV - 26.0% Diff
4,6-Dinitro-2-methylphenol		< 0.0892	mg/kg	UJ	CCV - 31.7% Diff
Acetone		0.014	mg/kg	J+	LCS - 255% Rec
Benzidine		< 0.179	mg/kg	UJ	CCV - 33.8% Diff
Benzoic acid		< 0.0447	mg/kg	UJ	CCV - 20.5% Diff
bis(2-Ethylhexyl)phthalate		< 0.0447	mg/kg	UJ	CCV - 33.3% Diff
Butyl benzyl phthalate		< 0.0447	mg/kg	UJ	CCV - 39.1% Diff
Chlorobenzene		0.0068	mg/kg	J+	Surr - 700% Rec
Di-N-Octyl phthalate		< 0.0447	mg/kg	UJ	CCV - 39.4% Diff
Ethylbenzene		0.016	mg/kg	J+	Surr - 700% Rec
Hexachlorobenzene		< 0.0447	mg/kg	UJ	CCV - 23.1% Diff
Hexachlorocyclopentadiene		< 0.0447	mg/kg	UJ	CCV - 34.0% Diff
Isopropylbenzene (Cumene)		0.095	mg/kg	J+	Surr - 700% Rec
m,p-Xylene		0.044	mg/kg	J+	Surr - 700% Rec
Naphthalene		0.0642	mg/kg	J	Result <RL & >MDL
N-Butylbenzene		0.14	mg/kg	J+	Surr - 700% Rec
N-Propylbenzene		0.22	mg/kg	J+	Surr - 700% Rec
P-Cymene (P-Isopropyltoluene)		0.28	mg/kg	J+	LCSD - 136% Rec
Pentachlorophenol		< 0.0447	mg/kg	UJ	CCV - 43.8% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-14 (12-15)					
SB-14 (12-15)	**24H2011-07**	**8/28/2024**			
Pyrene		< 0.0447	mg/kg	UJ	CCV - 24.6% Diff
Sec-Butylbenzene		0.16	mg/kg	J+	Surr - 700% Rec
T-Butylbenzene		0.022	mg/kg	J+	Surr - 700% Rec
Tetrachloroethene		< 0.0026	mg/kg	UJ	LCSD - 72.1% Rec
Trichloroethene		0.0046	mg/kg	J	Lab Dup - 58.6 RPD; Result <RL & >MDL
Xylene (Total)		0.046	mg/kg	J+	Surr - 700% Rec
SB-15 (20-23)					
SB-15 (20-23)	**24I0791-05**	**9/12/2024**			
1,1,2,2-Tetrachloroethane		< 0.0027	mg/kg	R	MS - 0% Rec
2-Methylnaphthalene		2.53	mg/kg	J+	MS - 187% Rec; Field Dup - 67.9 RPD
4,6-Dinitro-2-methylphenol		< 0.088	mg/kg	UJ	CCV - 20.7% Diff
Acenaphthylene		0.224	mg/kg	J	Field Dup - 0.18 mg/kg Diff
Acetone		0.016	mg/kg	J+	LCSD - 205% Rec
Acrolein		< 0.0053	mg/kg	R	MS - 6.04% Rec
Antimony		< 1.86	mg/kg	UJ	MS - 25% Rec
Aroclor-1260		< 0.0178	mg/kg	UJ	CCV = 25.8% Diff
Arsenic		15.7	mg/kg	J	Field Dup - 41.5 RPD; SD - 49.4% Diff
Chromium		14.1	mg/kg	J	SD - 36.8% Diff
Chrysene		0.0577	mg/kg	J	Result <RL & >MDL
Copper		31.4	mg/kg	J+	MS - 195% Rec
Cyclohexane		< 0.0027	mg/kg	UJ	MS - 38.1% Rec
Dibenzofuran		0.54	mg/kg	J	Field Dup - 0.49 mg/kg Diff
Fluoranthene		0.0443	mg/kg	J	Result <RL & >MDL
Isopropylbenzene (Cumene)		0.062	mg/kg	R	MS - (-)75.4 Rec; Field Dup - 88.3 RPD
Lead		6.88	mg/kg	J	SD - 61.7% Diff
Methyl Acetate		< 0.0027	mg/kg	R	MS - 0% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-15 (20-23)					
SB-15 (20-23)	**24I0791-05**	**9/12/2024**			
Methylcyclohexane		0.025	mg/kg	R	MS - (-)13.6 Rec; Field Dup - 48.5 RPD
Methylene chloride		0.0078	mg/kg	J	Cal - 66.5 RF RSD; Result <RL & >MDL
Naphthalene		0.195	mg/kg	J	Field Dup - 0.15 mg/kg Diff
N-Butylbenzene		0.13	mg/kg	R	MS - (-)222 Rec; Field Dup - 47.1 RPD
Nickel		13.5	mg/kg	J	SD - 42.5% Diff
Nitrobenzene		< 0.0441	mg/kg	UJ	MS - 8.11% Rec
N-Propylbenzene		0.12	mg/kg	R	MS - (-)187 Rec; Field Dup - 80 RPD
Sec-Butylbenzene		0.068	mg/kg	J	MS - (-)91.7 Rec; Field Dup - 90 RPD
T-Butylbenzene		0.0069	mg/kg	J	Field Dup - 0.01 mg/kg Diff
Tetrachloroethene		< 0.0027	mg/kg	UJ	CCV - 22.8% Diff
Zinc		56.8	mg/kg	J	SD - 50.8% Diff
SB-DUP-3	**24I0791-06**	**9/12/2024**			
2,4-Dinitrophenol		< 0.0901	mg/kg	UJ	CCV-81.3% Diff
2-Methylnaphthalene		5.13	mg/kg	J	Field Dup - 67.9 RPD
4,6-Dinitro-2-methylphenol		< 0.0901	mg/kg	UJ	CCV-29.3% Diff
4-Bromophenyl-phenylether		< 0.0451	mg/kg	UJ	CCV-22.5% Diff
4-Nitrophenol		< 0.0901	mg/kg	UJ	CCV-25.0% Diff
Acenaphthylene		< 0.0451	mg/kg	UJ	Field Dup - 0.18 mg/kg Diff
Acetone		0.024	mg/kg	J+	LCSD - 205% Rec
Aroclor-1260		< 0.0181	mg/kg	UJ	CCV = 25.8% Diff
Arsenic		10.3	mg/kg	J	Field Dup - 41.5 RPD
Benz(a)anthracene		0.0497	mg/kg	J	Result <RL & >MDL
Benzoic acid		< 0.0451	mg/kg	UJ	CCV-42.1% Diff
Cyclohexane		0.0033	mg/kg	J	Result <RL & >MDL
Dibenzofuran		< 0.0451	mg/kg	UJ	Field Dup - 0.49 mg/kg Diff
Di-N-Octyl phthalate		< 0.0451	mg/kg	UJ	CCV-25.5% Diff
Fluoranthene		0.0576	mg/kg	J	Result <RL & >MDL

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-15 (20-23)					
SB-DUP-3	**24I0791-06**	**9/12/2024**			
Hexachlorocyclopentadiene		< 0.0451	mg/kg	UJ	CCV-21.7% Diff
Isopropylbenzene (Cumene)		0.16	mg/kg	J+	Surr - 146% Rec; Field Dup - 88.3 RPD
Methylcyclohexane		0.041	mg/kg	J	Field Dup - 48.5 RPD
Methylene chloride		0.0094	mg/kg	J	Cal - 66.5 RF RSD; Result <RL & >MDL
Naphthalene		< 0.0451	mg/kg	UJ	Field Dup - 0.15 mg/kg Diff
N-Butylbenzene		0.21	mg/kg	J+	Surr - 146% Rec; Field Dup - 47.1 RPD
Nitrobenzene		< 0.0451	mg/kg	UJ	MS - 8.11% Rec
N-Propylbenzene		0.28	mg/kg	J+	Surr - 146% Rec; Field Dup - 80 RPD
Sec-Butylbenzene		0.18	mg/kg	J+	Surr - 146% Rec; Field Dup - 90 RPD
T-Butylbenzene		0.019	mg/kg	J+	Surr - 146% Rec; Field Dup - 0.01 mg/kg Diff
Tetrachloroethene		< 0.0027	mg/kg	UJ	CCV - 22.8% Diff
SB-16 (21-24)					
SB-16 (21-24)	**24I0791-03**	**9/12/2024**			
1,2,3-Trichlorobenzene		< 0.0029	mg/kg	UJ	Surr - 52% Rec
1,2,4-Trichlorobenzene		< 0.0029	mg/kg	UJ	Surr - 52% Rec
1,2,4-Trimethylbenzene		< 0.0029	mg/kg	UJ	Surr - 52% Rec
1,2-Dichlorobenzene		< 0.0029	mg/kg	UJ	Surr - 52% Rec
1,3,5-Trimethylbenzene (Mesitylene)		< 0.0029	mg/kg	UJ	Surr - 52% Rec
1,3-Dichlorobenzene		< 0.0029	mg/kg	UJ	Surr - 52% Rec
1,4-Dichlorobenzene		< 0.0029	mg/kg	UJ	Surr - 52% Rec
4,6-Dinitro-2-methylphenol		< 0.0957	mg/kg	UJ	CCV - 20.7% Diff
Acetone		0.025	mg/kg	J+	LCSD - 186% Rec
Aroclor-1260		< 0.0193	mg/kg	UJ	CCV = 25.8% Diff
Chlorobenzene		< 0.0029	mg/kg	UJ	Surr - 52% Rec
Dichlorodifluoromethane		< 0.0029	mg/kg	UJ	CCV - 22.3% Diff
Fluorene		0.065	mg/kg	J	Result <RL & >MDL

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-16 (21-24)					
SB-16 (21-24)	**24I0791-03**	**9/12/2024**			
Methylene chloride		0.025	mg/kg	J+	MB - Detect (0.017 mg/kg); Cal - 66.5 RF RSD;
N-Butylbenzene		0.21	mg/kg	J-	Surr - 52% Rec
N-Propylbenzene		0.11	mg/kg	J-	Surr - 52% Rec
Sec-Butylbenzene		0.17	mg/kg	J-	Surr - 52% Rec
T-Butylbenzene		0.025	mg/kg	J-	Surr - 52% Rec
SB-17 (25-28)					
SB-17 (25-28)	**24I0746-04**	**9/9/2024**			
2,4-Dinitrotoluene		< 0.0493	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0984	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0984	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0984	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		12.8	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.042	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.0493	mg/kg	UJ	CCV - 21.3% Diff
Nickel		11.9	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.0493	mg/kg	UJ	CCV - 26.6% Diff
Pyridine		< 0.197	mg/kg	UJ	CCV - 23.4% Diff
Tetrachloroethene		< 0.0024	mg/kg	UJ	LCS - 79.2% Rec
SB-18 (2-5)					
SB-18 (2-5)	**24I0746-07**	**9/10/2024**			
2,4-Dinitrotoluene		< 0.0553	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.11	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.11	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.11	mg/kg	UJ	CCV - 27.0% Diff
Antimony		< 2.36	mg/kg	UJ	MS - 10% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-18 (2-5)					
SB-18 (2-5)	**24I0746-07**	**9/10/2024**			
Arsenic		66.2	mg/kg	J	Lab Dup - 48.2
Beryllium		0.724	mg/kg	J	Lab Dup - 48.5 RPD; Field Dup - 61 RPD
bis(2-Chloroisopropyl)ether		< 0.0553	mg/kg	UJ	CCV - 21.3% Diff
Chromium		15.8	mg/kg	J	Field Dup - 95.5 RPD
Copper		119	mg/kg	J	Field Dup - 128 RPD
Lead		68.8	mg/kg	J	Field Dup - 153 RPD; MS - 54.2% Rec
Mercury		1.3	mg/kg	J-	MS - 62.9% Rec
Nickel		66	mg/kg	J	Lab Dup - 57 RPD; Field Dup - 165 RPD;
Pentachlorophenol		< 0.0553	mg/kg	UJ	CCV - 26.6% Diff
Phenanthrene		0.0679	mg/kg	J	Result <RL & >MDL
Selenium		13.8	mg/kg	J	Field Dup - 7.28 mg/kg Diff
Zinc		168	mg/kg	J	Field Dup - 169 RPD; MS - 14.1% Rec
SB-DUP-2	**24I0746-08**	**9/10/2024**			
2,4-Dinitrotoluene		< 0.0447	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0892	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0892	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0892	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		71.4	mg/kg	J	Lab Dup - 48.2
Beryllium		1.36	mg/kg	J	Lab Dup - 48.5 RPD; Field Dup - 61 RPD
bis(2-Chloroisopropyl)ether		< 0.0447	mg/kg	UJ	CCV - 21.3% Diff
Chromium		5.59	mg/kg	J	Field Dup - 95.5 RPD
Copper		26.2	mg/kg	J	Field Dup - 128 RPD
Lead		9.28	mg/kg	J	Field Dup - 153 RPD
Nickel		6.41	mg/kg	J	Lab Dup - 57 RPD; Field Dup - 165 RPD
Pentachlorophenol		< 0.0447	mg/kg	UJ	CCV - 26.6% Diff
Selenium		6.52	mg/kg	J	Field Dup - 7.28 mg/kg Diff
Zinc		14.2	mg/kg	J	Field Dup - 169 RPD

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-19 (1-3)					
SB-19 (1-3)	**24I0746-06**	**9/11/2024**			
2,4-Dinitrophenol		< 0.0928	mg/kg	UJ	CCV - 41% Diff
2,4-Dinitrotoluene		< 0.0465	mg/kg	UJ	CCV - 30.2% Diff
2,6-Dinitrotoluene		< 0.0465	mg/kg	UJ	CCV - 29.5% Diff
4,6-Dinitro-2-methylphenol		< 0.0928	mg/kg	UJ	CCV - 26.2% Diff
Arsenic		18.3	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.039	mg/kg	UJ	Lab Dup - 48.5 RPD
Hexachlorobenzene		< 0.0465	mg/kg	UJ	CCV - 21.8% Diff
Hexachlorocyclopentadiene		< 0.0465	mg/kg	UJ	CCV - 68.9% Diff
Indeno(1,2,3-cd)pyrene		0.138	mg/kg	J	CCV - 28.4% Diff
Nickel		31	mg/kg	J	Lab Dup - 57 RPD
SB-2 (0.5-4)					
SB-2 (0.5-4)	**24H1788-02**	**8/26/2024**			
1,1,1,2-Tetrachloroethane		< 0.0021	mg/kg	UJ	CCV - 24.4% Diff
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.0021	mg/kg	UJ	CCV - 21.4% Diff
Acetone		0.0057	mg/kg	J+	LCS - 224% Rec; Result <RL & >MDL
Antimony		2.95	mg/kg	J	MS - 24.1% Rec
Chromium		23.4	mg/kg	J	SD - 74.7% Diff
Copper		1840	mg/kg	J	SD - 77.5% Diff
Fluoranthene		0.555	mg/kg	J	Field Dup - 0.29 mg/kg Diff
Lead		239	mg/kg	J	SD - 74.4% Diff
Methylene chloride		0.0083	mg/kg	J	Result <RL & >MDL
Nickel		235	mg/kg	J	SD - 74.5% Diff
Pyrene		0.405	mg/kg	J	Field Dup - 0.20 mg/kg Diff
Zinc		939	mg/kg	J	SD - 73.2% Diff
SB-DUP-1	**24H1788-03**	**8/26/2024**			
1,1,1,2-Tetrachloroethane		< 0.0024	mg/kg	UJ	CCV - 24.4% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-2 (0.5-4)					
SB-DUP-1	**24H1788-03**	**8/26/2024**			
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.0024	mg/kg	UJ	CCV - 21.4% Diff
Benzo(g,h,i)perylene		0.0838	mg/kg	J	Result <RL & >MDL
Benzo(k)fluoranthene		0.0605	mg/kg	J	Result <RL & >MDL
Fluoranthene		0.265	mg/kg	J	Field Dup - 0.29 mg/kg Diff
Indeno(1,2,3-cd)pyrene		0.0946	mg/kg	J	Result <RL & >MDL
Pyrene		0.202	mg/kg	J	Field Dup - 0.20 mg/kg Diff
SB-20 (1-2.5)					
SB-20 (1-2.5)	**24I0294-05**	**9/5/2024**			
4,6-Dinitro-2-methylphenol		< 0.0917	mg/kg	UJ	CCV - 35.3% Diff
Acenaphthene		< 0.046	mg/kg	UJ	CCV - 21.73% Diff
Acenaphthylene		0.0564	mg/kg	J	Detected Results <RL and >MDL
Anthracene		0.0748	mg/kg	J	Detected Results <RL and >MDL
bis(2-Chloroethoxy)methane		< 0.046	mg/kg	UJ	CCV - 23.5% Diff
bis(2-Chloroisopropyl)ether		< 0.046	mg/kg	UJ	CCV - 32.7% Diff
bis(2-Ethylhexyl)phthalate		< 0.046	mg/kg	UJ	CCV - 25.4% Diff
Dibenz(a,h)anthracene		0.0572	mg/kg	J	Detected Results <RL and >MDL
Hexachlorocyclopentadiene		< 0.046	mg/kg	UJ	CCV - 47.3% Diff
SB-21 (1-2.5)					
SB-21 (1-2.5)	**24I0294-06**	**9/5/2024**			
4,6-Dinitro-2-methylphenol		< 0.437	mg/kg	UJ	CCV - 35.3% Diff
Acenaphthene		< 0.219	mg/kg	UJ	CCV - 21.73% Diff
Benz(a)anthracene		0.227	mg/kg	J	Detected Results <RL and >MDL
Benzo(a)pyrene		0.391	mg/kg	J	Detected Results <RL and >MDL
Benzo(b)fluoranthene		0.325	mg/kg	J	Detected Results <RL and >MDL
Benzo(g,h,i)perylene		0.402	mg/kg	J	Detected Results <RL and >MDL
Benzo(k)fluoranthene		0.22	mg/kg	J	Detected Results <RL and >MDL

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-21 (1-2.5)					
SB-21 (1-2.5)	**24I0294-06**	**9/5/2024**			
bis(2-Chloroethoxy)methane		< 0.219	mg/kg	UJ	CCV - 23.5% Diff
bis(2-Chloroisopropyl)ether		< 0.219	mg/kg	UJ	CCV - 32.7% Diff
bis(2-Ethylhexyl)phthalate		< 0.219	mg/kg	UJ	CCV - 25.4% Diff
Chrysene		0.325	mg/kg	J	Detected Results <RL and >MDL
Fluoranthene		0.259	mg/kg	J	Detected Results <RL and >MDL
Hexachlorocyclopentadiene		< 0.219	mg/kg	UJ	CCV - 47.3% Diff
Indeno(1,2,3-cd)pyrene		0.308	mg/kg	J	Detected Results <RL and >MDL
SB-22 (16-18)					
SB-22 (16-18)	**24H2011-04**	**8/27/2024**			
1,1,1,2-Tetrachloroethane		< 0.0022	mg/kg	UJ	LCSD - 73.4% Rec
2,4-Dinitrophenol		< 0.0937	mg/kg	UJ	CCV - 38.9% Diff
2,4-Dinitrotoluene		< 0.047	mg/kg	UJ	CCV - 27.5% Diff
2,6-Dinitrotoluene		< 0.047	mg/kg	UJ	CCV - 26.0% Diff
4,6-Dinitro-2-methylphenol		< 0.0937	mg/kg	UJ	CCV - 31.7% Diff
Acetone		0.011	mg/kg	J+	LCS - 255% Rec
Benzidine		< 0.188	mg/kg	UJ	CCV - 33.8% Diff
Benzoic acid		< 0.047	mg/kg	UJ	CCV - 20.5% Diff
bis(2-Ethylhexyl)phthalate		< 0.047	mg/kg	UJ	CCV - 33.3% Diff
Butyl benzyl phthalate		< 0.047	mg/kg	UJ	CCV - 39.1% Diff
Di-N-Octyl phthalate		< 0.047	mg/kg	UJ	CCV - 39.4% Diff
Hexachlorobenzene		< 0.047	mg/kg	UJ	CCV - 23.1% Diff
Hexachlorocyclopentadiene		< 0.047	mg/kg	UJ	CCV - 34.0% Diff
Pentachlorophenol		< 0.047	mg/kg	UJ	CCV - 43.8% Diff
Pyrene		< 0.047	mg/kg	UJ	CCV - 24.6% Diff
Tetrachloroethene		< 0.0022	mg/kg	UJ	LCSD - 72.1% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-23 (18-21)					
SB-23 (18-21)	**24I0746-09**	**9/10/2024**			
2,4-Dinitrotoluene		< 0.0452	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0901	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0901	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0901	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		27.9	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.038	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.0452	mg/kg	UJ	CCV - 21.3% Diff
Bromomethane		< 0.0027	mg/kg	UJ	CCV - 24.4% Diff
Chloroethane		< 0.0027	mg/kg	UJ	CCV - 36.9% Diff
N-Butylbenzene		0.011	mg/kg	J+	Surr - 152% Rec
Nickel		15.1	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.0452	mg/kg	UJ	CCV - 26.6% Diff
Pyridine		< 0.18	mg/kg	UJ	CCV - 23.4% Diff
Sec-Butylbenzene		0.009	mg/kg	J+	Surr - 152% Rec
SB-24 (23-25)					
SB-24 (23-25)	**24H2011-06**	**8/28/2024**			
1,1,1,2-Tetrachloroethane		< 0.0026	mg/kg	UJ	LCSD - 73.4% Rec
1,2,4-Trimethylbenzene		0.015	mg/kg	J+	Surr - 424% Rec
2,4-Dinitrophenol		< 0.0888	mg/kg	UJ	CCV - 38.9% Diff
2,4-Dinitrotoluene		< 0.0445	mg/kg	UJ	CCV - 27.5% Diff
2,6-Dinitrotoluene		< 0.0445	mg/kg	UJ	CCV - 26.0% Diff
4,6-Dinitro-2-methylphenol		< 0.0888	mg/kg	UJ	CCV - 31.7% Diff
Acetone		0.01	mg/kg	J+	LCS - 255% Rec
Acetophenone		0.0533	mg/kg	J	Result <RL & >MDL
Benzidine		< 0.178	mg/kg	UJ	CCV - 33.8% Diff
Benzoic acid		< 0.0445	mg/kg	UJ	CCV - 20.5% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-24 (23-25)					
SB-24 (23-25)	**24H2011-06**	**8/28/2024**			
bis(2-Ethylhexyl)phthalate		< 0.0445	mg/kg	UJ	CCV - 33.3% Diff
Butyl benzyl phthalate		< 0.0445	mg/kg	UJ	CCV - 39.1% Diff
Di-N-Octyl phthalate		< 0.0445	mg/kg	UJ	CCV - 39.4% Diff
Ethylbenzene		0.0028	mg/kg	J+	Surr - 424% Rec; Result <RL & >MDL
Hexachlorobenzene		< 0.0445	mg/kg	UJ	CCV - 23.1% Diff
Hexachlorocyclopentadiene		< 0.0445	mg/kg	UJ	CCV - 34.0% Diff
Isopropylbenzene (Cumene)		0.17	mg/kg	J+	Surr - 424% Rec
m,p-Xylene		0.0061	mg/kg	J+	Surr - 424% Rec; Result <RL & >MDL
N-Butylbenzene		0.13	mg/kg	J+	Surr - 424% Rec
N-Propylbenzene		0.31	mg/kg	J+	Surr - 424% Rec
Pentachlorophenol		< 0.0445	mg/kg	UJ	CCV - 43.8% Diff
Pyrene		0.0739	mg/kg	J	CCV - 24.6% Diff; Result <RL & >MDL
Sec-Butylbenzene		0.15	mg/kg	J+	Surr - 424% Rec
T-Butylbenzene		0.016	mg/kg	J+	Surr - 424% Rec
Tetrachloroethene		< 0.0026	mg/kg	UJ	LCSD - 72.1% Rec
Trichloroethene		0.0055	mg/kg	J	Lab Dup - 58.6 RPD
SB-25 (1-3)					
SB-25 (1-3)	**24I0046-02**	**8/30/2024**			
1,2,3-Trichlorobenzene		< 0.0028	mg/kg	UJ	IS - 44% Area
1,2,4-Trichlorobenzene		< 0.0028	mg/kg	UJ	IS - 44% Area
1,2-Dichlorobenzene		< 0.0028	mg/kg	UJ	IS - 44% Area
1,2-Diphenylhydrazine		< 0.0497	mg/kg	UJ	CCV - 31.8% Diff
1,3-Dichlorobenzene		< 0.0028	mg/kg	UJ	LCS - 82.3% Rec; Surr - 44% Area
1,4-Dichlorobenzene		< 0.0028	mg/kg	UJ	LCS - 81.9% Rec; Surr - 44% Area
2-Methylnaphthalene		0.061	mg/kg	J	Result <RL & >MDL
4,6-Dinitro-2-methylphenol		< 0.0991	mg/kg	UJ	CCV - 56.6% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-25 (1-3)					
SB-25 (1-3)	**24I0046-02**	**8/30/2024**			
Acetone		0.0085	mg/kg	J+	LCS - 218% Rec;Result <RL & >MDL
Antimony		< 2.08	mg/kg	UJ	MS - 36.6% Rec
Beryllium		0.34	mg/kg	J+	MB - Result (0.05 mg/lg) > RL
bis(2-Chloroisopropyl)ether		< 0.0497	mg/kg	UJ	CCV - 42.2% Diff
bis(2-Ethylhexyl)phthalate		< 0.0497	mg/kg	UJ	CCV - 31.6% Diff
Butyl benzyl phthalate		< 0.0497	mg/kg	UJ	CCV - 28.5% Diff
Chlorobenzene		< 0.0028	mg/kg	UJ	IS - 44% Area
Copper		26	mg/kg	J	MS - 131% Rec
Dibenz(a,h)anthracene		0.824	mg/kg	UJ	CCV - 26.1% Diff
Di-N-Octyl phthalate		< 0.0497	mg/kg	UJ	CCV - 28.0% Diff
Hexachlorobutadiene		< 0.0028	mg/kg	UJ	LCS - 78.3% Rec
Hexachlorocyclopentadiene		< 0.0497	mg/kg	UJ	CCV - 30.2% Diff
Isophorone		< 0.0497	mg/kg	UJ	CCV - 20.1% Diff
Lead		38.2	mg/kg	J	MS - 184% Rec
Methylene chloride		0.0081	mg/kg	J	Result <RL & >MDL
Naphthalene		0.0689	mg/kg	J	Result <RL & >MDL
N-Nitrosodimethylamine		< 0.0497	mg/kg	UJ	CCV - 31.0% Diff
P-Cymene (P-Isopropyltoluene)		< 0.0028	mg/kg	UJ	LCS - 84.4% Rec
Pentachlorophenol		< 0.0497	mg/kg	UJ	CCV - 33.7% Diff
Pyridine		< 0.198	mg/kg	UJ	CCV - 24.2% Diff
Sec-Butylbenzene		< 0.0028	mg/kg	UJ	LCS - 82.2% Rec
Tetrachloroethene		< 0.0028	mg/kg	UJ	LCS - 78.4% Rec
Zinc		29.5	mg/kg	J	MS - 147% Rec; SD - 26.7% Diff
SB-26 (5-6)					
SB-26 (5-6)	**24I0221-03**	**9/3/2024**			
1,1,1,2-Tetrachloroethane		< 0.0024	mg/kg	UJ	CCV - 28.0% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-26 (5-6)					
SB-26 (5-6)	**24I0221-03**	**9/3/2024**			
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.0024	mg/kg	UJ	CCV - 34.8% Diff
1,1-Dichloroethene		< 0.0024	mg/kg	UJ	CCV - 39.4% Diff
1,2-Diphenylhydrazine		< 0.0451	mg/kg	UJ	CCV - 28.4%Diff
4,6-Dinitro-2-methylphenol		< 0.09	mg/kg	UJ	CCV - 28.4%Diff
Acetone		0.015	mg/kg	J+	LCS - 266% Rec
Acrolein		< 0.0048	mg/kg	UJ	CCV - 25.3% Diff
Aniline		< 0.18	mg/kg	UJ	CCV - 27.1%Diff
Benzoic acid		< 0.0451	mg/kg	UJ	CCV - 35.8%Diff
bis(2-Chloroethoxy)methane		< 0.0451	mg/kg	UJ	CCV - 21.9%Diff
bis(2-Chloroethyl)ether		< 0.0451	mg/kg	UJ	CCV - 26.9%Diff
bis(2-Chloroisopropyl)ether		< 0.0451	mg/kg	UJ	CCV - 34.7%Diff
Bromoform		< 0.0024	mg/kg	UJ	CCV - 29.7% Diff; LCS - 76% Rec
Bromomethane		< 0.0024	mg/kg	UJ	CCV - 97.6% Diff
Butyl benzyl phthalate		< 0.0451	mg/kg	UJ	CCV - 30.7%Diff
Chloroethane		< 0.0024	mg/kg	UJ	CCV - 90.0% Diff
Dibenz(a,h)anthracene		< 0.0451	mg/kg	UJ	CCV - 31.8%Diff
Dibromochloromethane		< 0.0024	mg/kg	UJ	CCV - 21.0% Diff
Dichlorodifluoromethane		< 0.0024	mg/kg	UJ	CCV - 35.4% Diff
Di-N-Octyl phthalate		< 0.0451	mg/kg	UJ	CCV - 32.4%Diff
Hexachlorobenzene		< 0.0451	mg/kg	UJ	CCV - 0.1 RRF
Hexachlorobutadiene		< 0.0024	mg/kg	UJ	LCS - 78.3% Rec
Hexachlorocyclopentadiene		< 0.0451	mg/kg	UJ	CCV - 26.1%Diff
N-Nitrosodimethylamine		< 0.0451	mg/kg	UJ	CCV - 31.1%Diff
Phenol		< 0.0451	mg/kg	UJ	CCV - 22.8%Diff
Pyridine		< 0.18	mg/kg	UJ	CCV - 22.8%Diff
Tert-Butyl Alcohol		< 0.0024	mg/kg	UJ	CCV - 26.9% Diff
Tetrachloroethene		< 0.0024	mg/kg	UJ	CCV - 25.8% Diff; LCS - 73.0% Rec

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-26 (5-6)					
SB-26 (5-6)	**24I0221-03**	**9/3/2024**			
Trichlorofluoromethane		< 0.0024	mg/kg	UJ	CCV - 90.5% Diff
Vinylchloride		< 0.0024	mg/kg	UJ	CCV - 56.5% Diff
SB-29 (1-4)					
SB-29 (1-4)	**24I0221-07**	**9/4/2024**			
1,1,1,2-Tetrachloroethane		< 0.0027	mg/kg	UJ	CCV - 28.0% Diff
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.0027	mg/kg	UJ	CCV - 34.8% Diff
1,1-Dichloroethene		< 0.0027	mg/kg	UJ	CCV - 39.4% Diff
1,2-Diphenylhydrazine		< 0.0443	mg/kg	UJ	CCV - 28.4%Diff
4,6-Dinitro-2-methylphenol		< 0.0883	mg/kg	UJ	CCV - 28.4%Diff
Acenaphthene		0.0685	mg/kg	J	Result <RL & >MDL
Acenaphthylene		0.0452	mg/kg	J	Result <RL & >MDL
Acrolein		< 0.0054	mg/kg	UJ	CCV - 25.3% Diff
Aniline		< 0.177	mg/kg	UJ	CCV - 27.1%Diff
Benzoic acid		< 0.0443	mg/kg	UJ	CCV - 35.8%Diff
bis(2-Chloroethoxy)methane		< 0.0443	mg/kg	UJ	CCV - 21.9%Diff
bis(2-Chloroethyl)ether		< 0.0443	mg/kg	UJ	CCV - 26.9%Diff
bis(2-Chloroisopropyl)ether		< 0.0443	mg/kg	UJ	CCV - 34.7%Diff
Bromoform		< 0.0027	mg/kg	UJ	CCV - 29.7% Diff; LCS - 76% Rec
Bromomethane		< 0.0027	mg/kg	UJ	CCV - 97.6% Diff
Butyl benzyl phthalate		< 0.0443	mg/kg	UJ	CCV - 30.7%Diff
Chloroethane		< 0.0027	mg/kg	UJ	CCV - 90.0% Diff
Dibenz(a,h)anthracene		0.148	mg/kg	UJ	CCV - 31.8%Diff
Dibromochloromethane		< 0.0027	mg/kg	UJ	CCV - 21.0% Diff
Dichlorodifluoromethane		< 0.0027	mg/kg	UJ	CCV - 35.4% Diff
Di-N-Octyl phthalate		< 0.0443	mg/kg	UJ	CCV - 32.4%Diff
Fluorene		0.0812	mg/kg	J	Result <RL & >MDL

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / Field Sample ID / Parameter	*Lab Sample ID*	*Sample Date / Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-29 (1-4)					
SB-29 (1-4)	**24I0221-07**	**9/4/2024**			
Hexachlorobenzene		< 0.0443	mg/kg	UJ	CCV - 0.1 RRF
Hexachlorobutadiene		< 0.0027	mg/kg	UJ	LCS - 78.3% Rec
Hexachlorocyclopentadiene		< 0.0443	mg/kg	UJ	CCV - 26.1%Diff
N-Nitrosodimethylamine		< 0.0443	mg/kg	UJ	CCV - 31.1%Diff
Phenol		< 0.0443	mg/kg	UJ	CCV - 22.8%Diff
Pyridine		< 0.177	mg/kg	UJ	CCV - 22.8%Diff
Tert-Butyl Alcohol		< 0.0027	mg/kg	UJ	CCV - 26.9% Diff
Tetrachloroethene		< 0.0027	mg/kg	UJ	CCV - 25.8% Diff; LCS - 73.0% Rec
Trichlorofluoromethane		< 0.0027	mg/kg	UJ	CCV - 90.5% Diff
Vinylchloride		< 0.0027	mg/kg	UJ	CCV - 56.5% Diff
SB-3 (14-16)					
SB-3 (14-16)	**24H1788-04**	**8/26/2024**			
1,1,1,2-Tetrachloroethane		< 0.002	mg/kg	UJ	CCV - 24.4% Diff
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.002	mg/kg	UJ	CCV - 21.4% Diff
Acetone		0.014	mg/kg	J+	LCS - 224% Rec
Methyl Ethyl Ketone (2-Butanone)		0.0026	mg/kg	J	Result <RL & >MDL
Methylene chloride		0.0072	mg/kg	J	Result <RL & >MDL
N-Butylbenzene		0.0027	mg/kg	J	Result <RL & >MDL
SB-30 (4-6)					
SB-30 (4-6)	**24I0221-01**	**9/3/2024**			
1,2-Diphenylhydrazine		< 0.0492	mg/kg	UJ	CCV - 28.4%Diff
1,4-Dichlorobenzene		< 0.0029	mg/kg	UJ	LCS - 83.1% Rec
4,6-Dinitro-2-methylphenol		< 0.0981	mg/kg	UJ	CCV - 28.4%Diff
Acenaphthylene		0.058	mg/kg	J	Result <RL & >MDL
Acetone		0.0082	mg/kg	J+	LCS - 228% Rec; Result <RL & >MDL
Aniline		< 0.196	mg/kg	UJ	CCV - 27.1%Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-30 (4-6)					
SB-30 (4-6)	**24I0221-01**	**9/3/2024**			
Benzoic acid		< 0.0492	mg/kg	UJ	CCV - 35.8%Diff
bis(2-Chloroethoxy)methane		< 0.0492	mg/kg	UJ	CCV - 21.9%Diff
bis(2-Chloroethyl)ether		< 0.0492	mg/kg	UJ	CCV - 26.9%Diff
bis(2-Chloroisopropyl)ether		< 0.0492	mg/kg	UJ	CCV - 34.7%Diff
Butyl benzyl phthalate		< 0.0492	mg/kg	UJ	CCV - 30.7%Diff
Dibenz(a,h)anthracene		0.15	mg/kg	UJ	CCV - 31.8%Diff
Dichlorodifluoromethane		< 0.0029	mg/kg	UJ	CCV - 30.5% Diff
Di-N-Octyl phthalate		< 0.0492	mg/kg	UJ	CCV - 32.4%Diff
Hexachlorobenzene		< 0.0492	mg/kg	UJ	CCV - 0.1 RRF
Hexachlorobutadiene		< 0.0029	mg/kg	UJ	LCS - 80.5% Rec
Hexachlorocyclopentadiene		< 0.0492	mg/kg	UJ	CCV - 26.1%Diff
N-Nitrosodimethylamine		< 0.0492	mg/kg	UJ	CCV - 31.1%Diff
Phenol		< 0.0492	mg/kg	UJ	CCV - 22.8%Diff
Pyridine		< 0.196	mg/kg	UJ	CCV - 22.8%Diff
Trichloroethene		0.0034	mg/kg	J	Result <RL & >MDL
SB-32 (10-12)					
SB-32 (10-12)	**24I0746-13**	**9/11/2024**			
2,4-Dinitrotoluene		< 0.046	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0918	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0918	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0918	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		10.7	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.039	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.046	mg/kg	UJ	CCV - 21.3% Diff
Fluoranthene		0.0741	mg/kg	J	Result <RL & >MDL
Nickel		18.7	mg/kg	J	Lab Dup - 57 RPD

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-32 (10-12)					
SB-32 (10-12)	**24I0746-13**	**9/11/2024**			
Pentachlorophenol		< 0.046	mg/kg	UJ	CCV - 26.6% Diff
Pyrene		0.055	mg/kg	J	Result <RL & >MDL
SB-33 (8-10)					
SB-33 (8-10)	**24I0746-15**	**9/11/2024**			
2,4-Dinitrotoluene		< 0.0484	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0966	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0966	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0966	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		8.48	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.041	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.0484	mg/kg	UJ	CCV - 21.3% Diff
Nickel		986	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.0484	mg/kg	UJ	CCV - 26.6% Diff
SB-34 (25-27)					
SB-34 (25-27)	**24I0746-14**	**9/11/2024**			
2,4-Dinitrotoluene		< 0.089	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.178	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.178	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.178	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		17.7	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.039	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.089	mg/kg	UJ	CCV - 21.3% Diff
Nickel		16.6	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.089	mg/kg	UJ	CCV - 26.6% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-35 (1-4)					
SB-35 (1-4)	**24I0791-01**	**9/12/2024**			
4,6-Dinitro-2-methylphenol		< 0.0874	mg/kg	UJ	CCV - 20.7% Diff
Acetone		0.014	mg/kg	J+	LCSD - 205% Rec
Anthracene		0.0783	mg/kg	J	Result <RL & >MDL
Antimony		< 1.84	mg/kg	UJ	MS - 7.31% Rec
Arsenic		3.86	mg/kg	J	Lab Dup -6.0 mg/kg Diff;Field Dup - 6.7 mg/kg Diff
Benz(a)anthracene		0.181	mg/kg	J	Field Dup - 0.14 mg/kg Diff
Benzo(a)pyrene		0.152	mg/kg	J	Field Dup - 0.11 mg/kg Diff
Benzo(b)fluoranthene		0.136	mg/kg	J	Field Dup - 0.09 mg/kg Diff
Benzo(k)fluoranthene		0.14	mg/kg	J	Field Dup - 0.1 mg/kg Diff
Beryllium		0.124	mg/kg	J	Field Dup - 0.24 mg/kg Diff
Chromium		6.22	mg/kg	J	Field Dup - 84.9 RPD
Chrysene		0.189	mg/kg	J	Field Dup - 0.14 mg/kg Diff
Copper		23.3	mg/kg	J+	MS - 226% Rec; Field Dup - 72.5 RPD
Cyclohexane		< 0.0026	mg/kg	UJ	MS - 61.2% Rec
Fluoranthene		0.426	mg/kg	J	Field Dup - 0.38 mg/kg Diff
Lead		5.86	mg/kg	J	Lab Dup - 72.5 RPD; Field Dup - 168 RPD
Methylene chloride		0.012	mg/kg	J	Cal - 66.5 RF RSD
Nickel		10.7	mg/kg	J	Field Dup - 101 RPD
Phenanthrene		0.373	mg/kg	J	Field Dup - 0.33 mg/kg Diff
Pyrene		0.418	mg/kg	J	Field Dup - 0.37 mg/kg Diff
Tetrachloroethene		< 0.0026	mg/kg	UJ	CCV - 22.8% Diff
Zinc		29.7	mg/kg	J	Field Dup - 110 RPD; SD - 32.3% Diff
SB-DUP-4	**24I0791-02**	**9/12/2024**			
4,6-Dinitro-2-methylphenol		< 0.0889	mg/kg	UJ	CCV - 20.7% Diff
Acetone		0.0084	mg/kg	J+	LCSD - 205% Rec;Result <RL & >MDL
Arsenic		10.6	mg/kg	J	Field Dup - 6.74 mg/kg Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-35 (1-4)					
SB-DUP-4	**24I0791-02**	**9/12/2024**			
Benz(a)anthracene		< 0.0446	mg/kg	UJ	Field Dup - 0.14 mg/kg Diff
Benzo(a)pyrene		< 0.0446	mg/kg	UJ	Field Dup - 0.11 mg/kg Diff
Benzo(b)fluoranthene		< 0.0446	mg/kg	UJ	Field Dup - 0.09 mg/kg Diff
Benzo(k)fluoranthene		< 0.0446	mg/kg	UJ	Field Dup - 0.1 mg/kg Diff
Beryllium		0.36	mg/kg	J	Field Dup - 0.24 mg/kg Diff
Chromium		15.4	mg/kg	J	Field Dup - 84.9 RPD
Chrysene		< 0.0446	mg/kg	UJ	Field Dup - 0.14 mg/kg Diff
Copper		49.8	mg/kg	J	Field Dup - 72.5 RPD
Fluoranthene		< 0.0446	mg/kg	UJ	Field Dup - 0.38 mg/kg Diff
Lead		67.5	mg/kg	J	Field Dup - 168 RPD
Methylene chloride		0.01	mg/kg	J	Cal - 66.5 RF RSD; Result <RL & >MDL
Nickel		32.7	mg/kg	J	Field Dup - 101 RPD
Phenanthrene		< 0.0446	mg/kg	UJ	Field Dup - 0.33 mg/kg Diff
Pyrene		< 0.0446	mg/kg	UJ	Field Dup - 0.37 mg/kg Diff
Tetrachloroethene		< 0.0026	mg/kg	UJ	CCV - 22.8% Diff
Zinc		102	mg/kg	J	Field Dup - 110 RPD
SB-36 (3-5)					
SB-36 (3-5)	**24I0791-08**	**9/12/2024**			
2,4-Dinitrophenol		< 0.0911	mg/kg	UJ	CCV-81.3% Diff
4,6-Dinitro-2-methylphenol		< 0.0911	mg/kg	UJ	CCV-29.3% Diff
4-Bromophenyl-phenylether		< 0.0457	mg/kg	UJ	CCV-22.5% Diff
4-Nitrophenol		< 0.0911	mg/kg	UJ	CCV-25.0% Diff
Acetone		< 0.0054	mg/kg	J+	LCSD - 205% Rec
Benz(a)anthracene		0.083	mg/kg	J	Result <RL & >MDL
Benzo(a)pyrene		0.0706	mg/kg	J	Result <RL & >MDL
Benzo(b)fluoranthene		0.0553	mg/kg	J	Result <RL & >MDL

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-36 (3-5)					
SB-36 (3-5)	**24I0791-08**	**9/12/2024**			
Benzo(k)fluoranthene		0.0583	mg/kg	J	Result <RL & >MDL
Benzoic acid		< 0.0457	mg/kg	UJ	CCV-42.1% Diff
Chrysene		0.0772	mg/kg	J	Result <RL & >MDL
Di-N-Octyl phthalate		< 0.0457	mg/kg	UJ	CCV-25.5% Diff
Hexachlorocyclopentadiene		< 0.0457	mg/kg	UJ	CCV-21.7% Diff
Methylene chloride		0.014	mg/kg	J	Cal - 66.5 RF RSD
Tetrachloroethene		< 0.0027	mg/kg	UJ	CCV - 22.8% Diff
SB-37 (2.5-3.5)					
SB-37 (2.5-3.5)	**24I1005-02**	**9/16/2024**			
2,4-Dinitrophenol		< 0.104	mg/kg	UJ	CCV - 21.9% Diff
4,6-Dinitro-2-methylphenol		< 0.104	mg/kg	UJ	CCV - 52.5% Diff
Acenaphthene		< 0.0523	mg/kg	UJ	CCV - 20.1% Diff
Acenaphthylene		< 0.0523	mg/kg	UJ	CCV - 23.7% Diff
Acetone		0.038	mg/kg	J+	LCS - 180% Rec
Benzoic acid		< 0.0523	mg/kg	UJ	CCV - 53.1% Diff
bis(2-Chloroethoxy)methane		< 0.0523	mg/kg	UJ	CCV - 21.2% Diff
bis(2-Chloroisopropyl)ether		< 0.0523	mg/kg	UJ	CCV - 31.9% Diff
bis(2-Ethylhexyl)phthalate		< 0.0523	mg/kg	UJ	CCV - 26.8% Diff
Chloromethane		< 0.0031	mg/kg	UJ	CCV - 22.8% Diff
Dichlorodifluoromethane		< 0.0031	mg/kg	UJ	CCV - 46.3% Diff
Hexachlorocyclopentadiene		< 0.0523	mg/kg	UJ	CCV - 49.4% Diff
Mercury		0.0655	mg/kg	J	Lab Dup - 151 RPD
N-Nitrosodimethylamine		< 0.0523	mg/kg	UJ	CCV - 27.4% Diff
Pyridine		< 0.209	mg/kg	UJ	CCV - 25.1% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-38 (3-5)					
SB-38 (3-5)	**24I1005-03**	**9/16/2024**			
2,4-Dinitrophenol		< 0.1	mg/kg	UJ	CCV - 21.9% Diff
4,6-Dinitro-2-methylphenol		< 0.1	mg/kg	UJ	CCV - 52.5% Diff
Acenaphthene		< 0.0503	mg/kg	UJ	CCV - 20.1% Diff
Acenaphthylene		< 0.0503	mg/kg	UJ	CCV - 23.7% Diff
Acetone		0.022	mg/kg	J+	
Anthracene		0.0778	mg/kg	J	Result <RL & >MDL
Benzoic acid		< 0.0503	mg/kg	UJ	CCV - 53.1% Diff
bis(2-Chloroethoxy)methane		< 0.0503	mg/kg	UJ	CCV - 21.2% Diff
bis(2-Chloroisopropyl)ether		< 0.0503	mg/kg	UJ	CCV - 31.9% Diff
bis(2-Ethylhexyl)phthalate		< 0.0503	mg/kg	UJ	CCV - 26.8% Diff
Chloromethane		< 0.0034	mg/kg	UJ	CCV - 22.8% Diff
Dichlorodifluoromethane		< 0.0034	mg/kg	UJ	CCV - 46.3% Diff
Hexachlorocyclopentadiene		< 0.0503	mg/kg	UJ	CCV - 49.4% Diff
Mercury		0.25	mg/kg	J	Lab Dup - 151 RPD
N-Nitrosodimethylamine		< 0.0503	mg/kg	UJ	CCV - 27.4% Diff
Pyridine		< 0.201	mg/kg	UJ	CCV - 25.1% Diff
SB-39 (1.5-3.5)					
SB-39 (1.5-3.5)	**24I1005-01**	**9/16/2024**			
1,1,1,2-Tetrachloroethane		< 0.0037	mg/kg	UJ	IS - 32% Area
1,1,2,2-Tetrachloroethane		< 0.0037	mg/kg	UJ	IS - 32% Area
1,1,2-Trichloroethane		< 0.0037	mg/kg	UJ	IS - 32% Area
1,2,3-Trichlorobenzene		0.004	mg/kg	J+	IS - 12% Area; Result <RL & >MDL
1,2,4-Trichlorobenzene		0.0038	mg/kg	J+	IS - 12% Area; Result <RL & >MDL
1,2-Dibromo-3-chloropropane		< 0.0037	mg/kg	UJ	CCV - 26.8% Diff; IS - 12% Area
1,2-Dibromoethane (Ethylene Dibromide)		< 0.0037	mg/kg	UJ	IS - 32% Area
1,2-Dichlorobenzene		< 0.0037	mg/kg	R	IS - 12% Area

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
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Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-39 (1.5-3.5)					
SB-39 (1.5-3.5)	**24I1005-01**	**9/16/2024**			
1,3-Dichlorobenzene		< 0.0037	mg/kg	R	IS - 12% Area
1,4-Dichlorobenzene		< 0.0037	mg/kg	R	IS - 12% Area
2,4-Dinitrophenol		< 0.115	mg/kg	UJ	CCV - 21.9% Diff
2-Hexanone		< 0.0037	mg/kg	UJ	IS - 32% Area
4,6-Dinitro-2-methylphenol		< 0.115	mg/kg	UJ	CCV - 52.5% Diff
4-Methyl-2-pentanone		< 0.0037	mg/kg	UJ	CCV - 25.3% Diff
Acenaphthene		< 0.0576	mg/kg	UJ	CCV - 20.1% Diff
Acenaphthylene		< 0.0576	mg/kg	UJ	CCV - 23.7% Diff
Anthracene		0.0818	mg/kg	J	Result <RL & >MDL
Benzo(g,h,i)perylene		0.105	mg/kg	J	Result <RL & >MDL
Benzoic acid		< 0.0576	mg/kg	UJ	CCV - 53.1% Diff
bis(2-Chloroethoxy)methane		< 0.0576	mg/kg	UJ	CCV - 21.2% Diff
bis(2-Chloroisopropyl)ether		< 0.0576	mg/kg	UJ	CCV - 31.9% Diff
bis(2-Ethylhexyl)phthalate		< 0.0576	mg/kg	UJ	CCV - 26.8% Diff
Bromoform		< 0.0037	mg/kg	UJ	IS - 32% Area
Chlorobenzene		< 0.0037	mg/kg	UJ	IS - 32% Area
Chloromethane		< 0.0037	mg/kg	UJ	CCV - 32.9% Diff
Dibromochloromethane		< 0.0037	mg/kg	UJ	IS - 32% Area
Dichlorodifluoromethane		< 0.0037	mg/kg	UJ	CCV - 66.3% Diff
Ethylbenzene		< 0.0037	mg/kg	UJ	IS - 32% Area
Hexachlorobutadiene		< 0.0037	mg/kg	R	IS - 12% Area
Hexachlorocyclopentadiene		< 0.0576	mg/kg	UJ	CCV - 49.4% Diff
Indeno(1,2,3-cd)pyrene		0.108	mg/kg	J	Result <RL & >MDL
m,p-Xylene		< 0.0074	mg/kg	UJ	IS - 32% Area
Mercury		0.27	mg/kg	J	Lab Dup - 151 RPD; MS - 221% Rec
Methylene chloride		0.037	mg/kg	J	CCV - 38.4% Diff
N-Nitrosodimethylamine		< 0.0576	mg/kg	UJ	CCV - 27.4% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
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Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-39 (1.5-3.5)					
SB-39 (1.5-3.5)	**24I1005-01**	**9/16/2024**			
o-Xylene		< 0.0037	mg/kg	UJ	IS - 32% Area
Pyridine		< 0.23	mg/kg	UJ	CCV - 25.1% Diff
Styrene		< 0.0037	mg/kg	UJ	IS - 32% Area
Tetrachloroethene		< 0.0037	mg/kg	UJ	CCV - 31.6% Diff; IS - 32% Area
Toluene		< 0.0037	mg/kg	UJ	IS - 32% Area
trans-1,3-Dichloropropene		< 0.0037	mg/kg	UJ	IS - 32% Area
Vinylchloride		< 0.0037	mg/kg	UJ	CCV - 25.1% Diff
SB-4 (0.5-2.5)					
SB-4 (0.5-2.5)	**24H2011-03**	**8/27/2024**			
1,1,1,2-Tetrachloroethane		< 0.0025	mg/kg	UJ	LCSD - 73.4% Rec
2,4-Dinitrophenol		< 0.106	mg/kg	UJ	CCV - 38.9% Diff
2,4-Dinitrotoluene		< 0.0533	mg/kg	UJ	CCV - 27.5% Diff
2,6-Dinitrotoluene		< 0.0533	mg/kg	UJ	CCV - 26.0% Diff
4,6-Dinitro-2-methylphenol		< 0.106	mg/kg	UJ	CCV - 31.7% Diff
Acetone		0.016	mg/kg	J+	LCS - 255% Rec
Benzidine		< 0.213	mg/kg	UJ	CCV - 33.8% Diff
Benzoic acid		< 0.0533	mg/kg	UJ	CCV - 20.5% Diff
bis(2-Ethylhexyl)phthalate		< 0.0533	mg/kg	UJ	CCV - 33.3% Diff
Butyl benzyl phthalate		< 0.0533	mg/kg	UJ	CCV - 39.1% Diff
Dibenz(a,h)anthracene		0.057	mg/kg	J	Result <RL & >MDL
Di-N-Octyl phthalate		< 0.0533	mg/kg	UJ	CCV - 39.4% Diff
Hexachlorobenzene		< 0.0533	mg/kg	UJ	CCV - 23.1% Diff
Hexachlorocyclopentadiene		< 0.0533	mg/kg	UJ	CCV - 34.0% Diff
Pentachlorophenol		< 0.0533	mg/kg	UJ	CCV - 43.8% Diff
Pyrene		0.336	mg/kg	J	CCV - 24.6% Diff
Tetrachloroethene		< 0.0025	mg/kg	UJ	LCSD - 72.1% Rec

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
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Station Name / Field Sample ID / Parameter	*Lab Sample ID*	*Sample Date / Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-4 (0.5-2.5)					
SB-4 (0.5-2.5)	**24H2011-03**	**8/27/2024**			
Trichloroethene		0.0034	mg/kg	J	Lab Dup - 58.6 RPD; Result <RL & >MDL
SB-40 (22-24)					
SB-40 (22-24)	**24I0889-02**	**9/13/2024**			
1,2-Diphenylhydrazine		< 0.0462	mg/kg	UJ	CCV - 24.8% Diff
1,4-Dioxane		< 0.048	mg/kg	UJ	LCSD - 68.5 RPD
2,4-Dinitrophenol		< 0.0923	mg/kg	UJ	CCV - 78.7% Diff
4,6-Dinitro-2-methylphenol		< 0.0923	mg/kg	UJ	CCV - 24.3% Diff
4-Bromophenyl-phenylether		< 0.0462	mg/kg	UJ	CCV - 27.0% Diff
Acetone		0.018	mg/kg	J+	LCSD - 200% Rec
Atrazine		< 0.0462	mg/kg	UJ	CCV - 21.5% Diff
Dichlorodifluoromethane		< 0.0024	mg/kg	UJ	CCV - 33.3% Diff
Diphenylamine		< 0.0923	mg/kg	UJ	CCV - 26.3% Diff
Hexachlorobutadiene		< 0.0024	mg/kg	UJ	LCS - 80.3% Rec
Methyl Ethyl Ketone (2-Butanone)		0.0033	mg/kg	J	Result <RL & >MDL
N-Nitrosodimethylamine		< 0.0462	mg/kg	UJ	CCV - 25.9% Diff
T-Butylbenzene		0.0028	mg/kg	J	Result <RL & >MDL
Tetrachloroethene		< 0.0024	mg/kg	UJ	LCSD - 77.9% Rec
SB-41 (5-9)					
SB-41 (5-9)	**24I0889-03**	**9/13/2024**			
1,2-Diphenylhydrazine		< 0.0484	mg/kg	UJ	CCV - 24.8% Diff
1,4-Dioxane		< 0.068	mg/kg	UJ	LCSD - 68.5 RPD
2,4-Dinitrophenol		< 0.0966	mg/kg	UJ	CCV - 78.7% Diff
2-Methylnaphthalene		0.088	mg/kg	J	Result <RL & >MDL
4,6-Dinitro-2-methylphenol		< 0.0966	mg/kg	UJ	CCV - 24.3% Diff
4-Bromophenyl-phenylether		< 0.0484	mg/kg	UJ	CCV - 27.0% Diff
Atrazine		< 0.0484	mg/kg	UJ	CCV - 21.5% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
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Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-41 (5-9)					
SB-41 (5-9)	**24I0889-03**	**9/13/2024**			
Dibenz(a,h)anthracene		0.0772	mg/kg	J	Result <RL & >MDL
Dichlorodifluoromethane		< 0.0034	mg/kg	UJ	CCV - 33.3% Diff
Diphenylamine		< 0.0966	mg/kg	UJ	CCV - 26.3% Diff
Hexachlorobutadiene		< 0.0034	mg/kg	UJ	LCS - 80.3% Rec
N-Nitrosodimethylamine		< 0.0484	mg/kg	UJ	CCV - 25.9% Diff
Tetrachloroethene		< 0.0034	mg/kg	UJ	LCSD - 77.9% Rec
SB-42 (20-23)					
SB-42 (20-23)	**24I0046-01**	**8/30/2024**			
1,2,4-Trimethylbenzene		0.0046	mg/kg	J+	Surr - 170% Rec; Result <RL & >MDL
1,2-Diphenylhydrazine		< 0.0467	mg/kg	UJ	CCV - 31.8% Diff
4,6-Dinitro-2-methylphenol		< 0.0932	mg/kg	UJ	CCV - 56.6% Diff
Acetone		0.021	mg/kg	J+	LCS - 308% Rec
Beryllium		0.254	mg/kg	J+	MB - Result (0.05 mg/lg) > RL
bis(2-Chloroisopropyl)ether		< 0.0467	mg/kg	UJ	CCV - 42.2% Diff
bis(2-Ethylhexyl)phthalate		< 0.0467	mg/kg	UJ	CCV - 31.6% Diff
Bromomethane		< 0.0026	mg/kg	UJ	CCV - 38.0% Diff
Butyl benzyl phthalate		< 0.0467	mg/kg	UJ	CCV - 28.5% Diff
Chloroethane		< 0.0026	mg/kg	UJ	CCV - 38.2% Diff
Dibenz(a,h)anthracene		< 0.0467	mg/kg	UJ	CCV - 26.1% Diff
Di-N-Octyl phthalate		< 0.0467	mg/kg	UJ	CCV - 28.0% Diff
Hexachlorocyclopentadiene		< 0.0467	mg/kg	UJ	CCV - 30.2% Diff
Isophorone		< 0.0467	mg/kg	UJ	CCV - 20.1% Diff
N-Butylbenzene		0.0061	mg/kg	J+	Surr - 170% Rec
N-Nitrosodimethylamine		< 0.0467	mg/kg	UJ	CCV - 31.0% Diff
N-Propylbenzene		0.01	mg/kg	J+	Surr - 170% Rec
Pentachlorophenol		< 0.0467	mg/kg	UJ	CCV - 33.7% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
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Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-42 (20-23)					
SB-42 (20-23)	**24I0046-01**	**8/30/2024**			
Pyridine		< 0.187	mg/kg	UJ	CCV - 24.2% Diff
Sec-Butylbenzene		0.0039	mg/kg	J+	Surr - 170% Rec; Result <RL & >MDL
Tetrachloroethene		< 0.0026	mg/kg	UJ	LCS - 77% Rec
Trichlorofluoromethane		< 0.0026	mg/kg	UJ	CCV - 32.8% Diff
Vinylchloride		< 0.0026	mg/kg	UJ	CCV - 23.4% Diff
SB-43 (13-15)					
SB-43 (13-15)	**24I0889-04**	**9/13/2024**			
1,2-Dibromo-3-chloropropane		< 0.0025	mg/kg	UJ	CCV - 21.6% Diff
1,2-Diphenylhydrazine		< 0.0481	mg/kg	UJ	CCV - 24.8% Diff
2,4-Dinitrophenol		< 0.096	mg/kg	UJ	CCV - 78.7% Diff
2-Methylnaphthalene		0.0483	mg/kg	J	Result <RL & >MDL
4,6-Dinitro-2-methylphenol		< 0.096	mg/kg	UJ	CCV - 24.3% Diff
4-Bromophenyl-phenylether		< 0.0481	mg/kg	UJ	CCV - 27.0% Diff
4-Methyl-2-pentanone		< 0.0025	mg/kg	UJ	CCV - 24.2% Diff
Acetone		0.014	mg/kg	J+	LCSD - 196% Rec
Atrazine		< 0.0481	mg/kg	UJ	CCV - 21.5% Diff
Bromochloromethane		< 0.0025	mg/kg	UJ	CCV - 20.9% Diff
Bromomethane		< 0.0025	mg/kg	UJ	LCSD - 32.4% RPD
Carbon disulfide		< 0.0025	mg/kg	UJ	LCSD - 31.0% RPD
Chloromethane		< 0.0025	mg/kg	UJ	CCV - 21.4% Diff; LCSD - 49.0% RPD
Dichlorodifluoromethane		< 0.0025	mg/kg	UJ	CCV - 63.7% Diff; LCSD - 92.2% RPD
Diphenylamine		< 0.096	mg/kg	UJ	CCV - 26.3% Diff
Hexachlorobutadiene		< 0.0025	mg/kg	UJ	LCS - 79.0% Rec
Methylene chloride		0.029	mg/kg	J+	LCSD - 194% Rec; MB - Result (0.020 mg/kg) > RL
N-Nitrosodimethylamine		< 0.0481	mg/kg	UJ	CCV - 25.9% Diff
Vinylchloride		< 0.0025	mg/kg	UJ	LCSD - 38.7% RPD

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
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Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-44 (22-25)					
SB-44 (22-25)	**24I0889-01**	**9/13/2024**			
1,2-Diphenylhydrazine		< 0.0465	mg/kg	UJ	CCV - 24.8% Diff
1,4-Dioxane		< 0.046	mg/kg	UJ	LCSD - 68.5 RPD
2,4-Dinitrophenol		< 0.0928	mg/kg	UJ	CCV - 78.7% Diff
4,6-Dinitro-2-methylphenol		< 0.0928	mg/kg	UJ	CCV - 24.3% Diff
4-Bromophenyl-phenylether		< 0.0465	mg/kg	UJ	CCV - 27.0% Diff
Acetone		0.028	mg/kg	J+	LCSD - 200% Rec
Atrazine		< 0.0465	mg/kg	UJ	CCV - 21.5% Diff
Dichlorodifluoromethane		< 0.0023	mg/kg	UJ	CCV - 33.3% Diff
Diphenylamine		< 0.0928	mg/kg	UJ	CCV - 26.3% Diff
Hexachlorobutadiene		< 0.0023	mg/kg	UJ	LCS - 80.3% Rec
m,p-Xylene		0.0072	mg/kg	J	Result <RL & >MDL
N-Nitrosodimethylamine		< 0.0465	mg/kg	UJ	CCV - 25.9% Diff
Tetrachloroethene		< 0.0023	mg/kg	UJ	LCSD - 77.9% Rec
Xylene (Total)		0.0088	mg/kg	J	Result <RL & >MDL
SB-45 (28-30)					
SB-45 (28-30)	**24H2129-02**	**8/29/2024**			
2,4-Dinitrophenol		< 0.0923	mg/kg	UJ	CCV - 55.4% Diff
2,4-Dinitrotoluene		< 0.0462	mg/kg	UJ	CCV - 32.1% Diff
2,6-Dinitrotoluene		< 0.0462	mg/kg	UJ	CCV - 26.9% Diff
4,6-Dinitro-2-methylphenol		< 0.0923	mg/kg	UJ	CCV - 33.4% Diff
Acetone		0.012	mg/kg	J+	LCS - 308% Rec
Benzoic acid		< 0.0462	mg/kg	UJ	CCV - 23.0% Diff
Beryllium		0.251	mg/kg	J+	MB - Result (0.05 mg/lg) > RL
bis(2-Ethylhexyl)phthalate		< 0.0462	mg/kg	UJ	CCV - 27.8% Diff
Bromomethane		< 0.0025	mg/kg	UJ	CCV - 38.0% Diff
Butyl benzyl phthalate		< 0.0462	mg/kg	UJ	CCV - 31.4% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
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Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-45 (28-30)					
SB-45 (28-30)	**24H2129-02**	**8/29/2024**			
Chloroethane		< 0.0025	mg/kg	UJ	CCV - 38.2% Diff
Di-N-Octyl phthalate		< 0.0462	mg/kg	UJ	CCV - 33.8% Diff
Hexachlorocyclopentadiene		< 0.0462	mg/kg	UJ	CCV - 50.3% Diff
Methylene chloride		0.0051	mg/kg	J	Result <RL & >MDL
Pentachlorophenol		< 0.0462	mg/kg	UJ	CCV - 42.7% Diff
Tetrachloroethene		< 0.0025	mg/kg	UJ	LCS - 77% Rec
Trichloroethene		0.0038	mg/kg	J	Result <RL & >MDL
Trichlorofluoromethane		< 0.0025	mg/kg	UJ	CCV - 32.8% Diff
Vinylchloride		< 0.0025	mg/kg	UJ	CCV - 23.4% Diff
SB-46 (20-23)					
SB-46 (20-23)	**24H2129-03**	**8/29/2024**			
2,4-Dinitrophenol		< 0.0914	mg/kg	UJ	CCV - 55.4% Diff
2,4-Dinitrotoluene		< 0.0458	mg/kg	UJ	CCV - 32.1% Diff
2,6-Dinitrotoluene		< 0.0458	mg/kg	UJ	CCV - 26.9% Diff
4,6-Dinitro-2-methylphenol		< 0.0914	mg/kg	UJ	CCV - 33.4% Diff
Acetone		0.013	mg/kg	J+	LCSD - 250% Rec
Acrolein		< 0.0044	mg/kg	UJ	CCV - 26.0% Diff
Benzoic acid		< 0.0458	mg/kg	UJ	CCV - 23.0% Diff
Beryllium		0.36	mg/kg	J+	MB - Result (0.05 mg/lg) > RL
bis(2-Ethylhexyl)phthalate		< 0.0458	mg/kg	UJ	CCV - 27.8% Diff
Butyl benzyl phthalate		< 0.0458	mg/kg	UJ	CCV - 31.4% Diff
Di-N-Octyl phthalate		< 0.0458	mg/kg	UJ	CCV - 33.8% Diff
Hexachlorocyclopentadiene		< 0.0458	mg/kg	UJ	CCV - 50.3% Diff
Methyl Ethyl Ketone (2-Butanone)		0.0032	mg/kg	J	CCV - 63.5% Diff; Result <RL & >MDL
Pentachlorophenol		< 0.0458	mg/kg	UJ	CCV - 42.7% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
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Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-47 (25-27)					
SB-47 (25-27)	**24H2129-01RE1**	**8/29/2024**			
1,2,4-Trimethylbenzene		0.59	mg/kg	J+	Surr - 189% Diff
2,4-Dinitrophenol		< 0.0897	mg/kg	UJ	CCV - 55.4% Diff
2,4-Dinitrotoluene		< 0.045	mg/kg	UJ	CCV - 32.1% Diff
2,6-Dinitrotoluene		< 0.045	mg/kg	UJ	CCV - 26.9% Diff
4,6-Dinitro-2-methylphenol		< 0.0897	mg/kg	UJ	CCV - 33.4% Diff
Acrolein		0.032	mg/kg	J	CCV - 26.0% Diff
Benzene		0.0023	mg/kg	J+	Surr - 189% Diff; Result <RL & >MDL
Benzoic acid		< 0.045	mg/kg	UJ	CCV - 23.0% Diff
Beryllium		0.389	mg/kg	J+	MB - Result (0.05 mg/lg) > RL
bis(2-Ethylhexyl)phthalate		< 0.045	mg/kg	UJ	CCV - 27.8% Diff
Butyl benzyl phthalate		< 0.045	mg/kg	UJ	CCV - 31.4% Diff
Chlorobenzene		0.014	mg/kg	J+	Surr - 189% Diff
Di-N-Octyl phthalate		< 0.045	mg/kg	UJ	CCV - 33.8% Diff
Ethylbenzene		0.0058	mg/kg	J+	Surr - 189% Diff
Hexachlorocyclopentadiene		< 0.045	mg/kg	UJ	CCV - 50.3% Diff
Isopropylbenzene (Cumene)		0.2	mg/kg	J+	Surr - 189% Diff
m,p-Xylene		0.0093	mg/kg	J+	Surr - 189% Diff
Methyl Ethyl Ketone (2-Butanone)		< 0.002	mg/kg	UJ	CCV - 63.5% Diff
Methylcyclohexane		0.72	mg/kg	J-	IS - 532% Area%
N-Butylbenzene		0.71	mg/kg	J+	Surr - 189% Diff
N-Propylbenzene		0.89	mg/kg	J+	Surr - 189% Diff
o-Xylene		0.0078	mg/kg	J+	Surr - 189% Diff
P-Cymene (P-Isopropyltoluene)		0.15	mg/kg	J+	Surr - 189% Diff
Pentachlorophenol		< 0.045	mg/kg	UJ	CCV - 42.7% Diff
Sec-Butylbenzene		0.55	mg/kg	J+	Surr - 189% Diff
T-Butylbenzene		0.0066	mg/kg	J+	Surr - 189% Diff
Xylene (Total)		0.017	mg/kg	J+	Surr - 189% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
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Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-48 (28-31)					
SB-48 (28-31)	**24I0294-02**	**9/5/2024**			
1,1,1,2-Tetrachloroethane		< 0.0029	mg/kg	UJ	CCV - 21.3% Diffl LCS - 69.7% Rec
4,6-Dinitro-2-methylphenol		< 0.0972	mg/kg	UJ	CCV - 35.3% Diff
Acenaphthene		< 0.0487	mg/kg	UJ	CCV - 21.73% Diff
Acetone		0.012	mg/kg	J+	LCS - 225% Rec
Benzoic acid		< 0.0487	mg/kg	UJ	CCV - 57.5% Diff
bis(2-Chloroethoxy)methane		< 0.0487	mg/kg	UJ	CCV - 23.5% Diff
bis(2-Chloroisopropyl)ether		< 0.0487	mg/kg	UJ	CCV - 32.7% Diff
bis(2-Ethylhexyl)phthalate		< 0.0487	mg/kg	UJ	CCV - 25.4% Diff
Bromoform		< 0.0029	mg/kg	UJ	CCV - 22.5% Diff; LCS - 69.8% Rec
Bromomethane		< 0.0029	mg/kg	UJ	CCV - 97.2% Diff
Chloroethane		< 0.0029	mg/kg	UJ	CCV - 87.7% Diff
Dichlorodifluoromethane		< 0.0029	mg/kg	UJ	CCV - 34.2% Diff
Hexachlorobutadiene		< 0.0029	mg/kg	UJ	LCS - 75.7% Rec
Hexachlorocyclopentadiene		< 0.0487	mg/kg	UJ	CCV - 47.3% Diff
Methylene chloride		< 0.0058	mg/kg	UJ	CCV - 88.2% Diff
N-Nitrosodimethylamine		< 0.0487	mg/kg	UJ	CCV - 33.1% Diff
Pyridine		< 0.195	mg/kg	UJ	CCV - 29.7% Diff
Sec-Butylbenzene		0.0045	mg/kg	J	Detected Results <RL and >MDL
Tert-Butyl Alcohol		< 0.0029	mg/kg	UJ	CCV - 31.7% Diff; LCS - 66.2% Rec
Tetrachloroethene		< 0.0029	mg/kg	UJ	LCS - 68.2% Rec
Trichlorofluoromethane		< 0.0029	mg/kg	UJ	CCV - 83.1% Diff
Vinylchloride		< 0.0029	mg/kg	UJ	CCV - 49.9% Diff
SB-49 (27-30)					
SB-49 (27-30)	**24I0294-01**	**9/5/2024**			
1,1,1,2-Tetrachloroethane		< 0.0031	mg/kg	UJ	CCV - 21.3% Diffl LCS - 69.7% Rec
4,6-Dinitro-2-methylphenol		< 0.102	mg/kg	UJ	CCV - 35.3% Diff

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Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-49 (27-30)					
SB-49 (27-30)	**24I0294-01**	**9/5/2024**			
Acenaphthene		< 0.0509	mg/kg	UJ	CCV - 21.73% Diff
Benzoic acid		< 0.0509	mg/kg	UJ	CCV - 57.5% Diff
bis(2-Chloroethoxy)methane		< 0.0509	mg/kg	UJ	CCV - 23.5% Diff
bis(2-Chloroisopropyl)ether		< 0.0509	mg/kg	UJ	CCV - 32.7% Diff
bis(2-Ethylhexyl)phthalate		< 0.0509	mg/kg	UJ	CCV - 25.4% Diff
Bromoform		< 0.0031	mg/kg	UJ	CCV - 22.5% Diff; LCS - 69.8% Rec
Bromomethane		< 0.0031	mg/kg	UJ	CCV - 97.2% Diff
Chloroethane		< 0.0031	mg/kg	UJ	CCV - 87.7% Diff
Dichlorodifluoromethane		< 0.0031	mg/kg	UJ	CCV - 34.2% Diff
Hexachlorobutadiene		< 0.0031	mg/kg	UJ	LCS - 75.7% Rec
Hexachlorocyclopentadiene		< 0.0509	mg/kg	UJ	CCV - 47.3% Diff
Methylene chloride		< 0.0061	mg/kg	UJ	CCV - 88.2% Diff
N-Nitrosodimethylamine		< 0.0509	mg/kg	UJ	CCV - 33.1% Diff
Pyridine		< 0.203	mg/kg	UJ	CCV - 29.7% Diff
Tert-Butyl Alcohol		< 0.0031	mg/kg	UJ	CCV - 31.7% Diff; LCS - 66.2% Rec
Tetrachloroethene		0.019	mg/kg	UJ	LCS - 68.2% Rec
Trichlorofluoromethane		< 0.0031	mg/kg	UJ	CCV - 83.1% Diff
Vinylchloride		< 0.0031	mg/kg	UJ	CCV - 49.9% Diff
SB-5 (17.5-20)					
SB-5 (17.5-20)	**24H1788-05**	**8/26/2024**			
1,1,1,2-Tetrachloroethane		< 0.002	mg/kg	UJ	CCV - 24.4% Diff
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.002	mg/kg	UJ	CCV - 21.4% Diff
Acetone		0.0078	mg/kg	J+	LCS - 224% Rec; Result <RL & >MDL
Anthracene		0.072	mg/kg	J	Result <RL & >MDL
Isopropylbenzene (Cumene)		0.0023	mg/kg	J	Result <RL & >MDL
N-Propylbenzene		0.0022	mg/kg	J	Result <RL & >MDL

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
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Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-51 (10-13)					
SB-51 (10-13)	**24I0294-04**	**9/5/2024**			
1,1,1,2-Tetrachloroethane		< 0.0026	mg/kg	UJ	CCV - 21.3% Diffl LCS - 69.7% Rec
4,6-Dinitro-2-methylphenol		< 0.0874	mg/kg	UJ	CCV - 35.3% Diff
Acenaphthene		< 0.0438	mg/kg	UJ	CCV - 21.73% Diff
Benzoic acid		< 0.0438	mg/kg	UJ	CCV - 57.5% Diff
bis(2-Chloroethoxy)methane		< 0.0438	mg/kg	UJ	CCV - 23.5% Diff
bis(2-Chloroisopropyl)ether		< 0.0438	mg/kg	UJ	CCV - 32.7% Diff
bis(2-Ethylhexyl)phthalate		< 0.0438	mg/kg	UJ	CCV - 25.4% Diff
Bromoform		< 0.0026	mg/kg	UJ	CCV - 22.5% Diff; LCS - 69.8% Rec
Bromomethane		< 0.0026	mg/kg	UJ	CCV - 97.2% Diff
Chloroethane		< 0.0026	mg/kg	UJ	CCV - 87.7% Diff
Dichlorodifluoromethane		< 0.0026	mg/kg	UJ	CCV - 34.2% Diff
Hexachlorobutadiene		< 0.0026	mg/kg	UJ	LCS - 75.7% Rec
Hexachlorocyclopentadiene		< 0.0438	mg/kg	UJ	CCV - 47.3% Diff
Methylene chloride		< 0.0053	mg/kg	UJ	CCV - 88.2% Diff
N-Nitrosodimethylamine		< 0.0438	mg/kg	UJ	CCV - 33.1% Diff
Pyridine		< 0.175	mg/kg	UJ	CCV - 29.7% Diff
Tert-Butyl Alcohol		< 0.0026	mg/kg	UJ	CCV - 31.7% Diff; LCS - 66.2% Rec
Tetrachloroethene		< 0.0026	mg/kg	UJ	LCS - 68.2% Rec
Trichlorofluoromethane		< 0.0026	mg/kg	UJ	CCV - 83.1% Diff
Vinylchloride		< 0.0026	mg/kg	UJ	CCV - 49.9% Diff
SB-51 (2-4)					
SB-51 (2-4)	**24I0294-03**	**9/5/2024**			
1,1,1,2-Tetrachloroethane		< 0.0027	mg/kg	UJ	CCV - 21.3% Diffl LCS - 69.7% Rec
4,6-Dinitro-2-methylphenol		< 0.0903	mg/kg	UJ	CCV - 35.3% Diff
Acenaphthene		< 0.0453	mg/kg	UJ	CCV - 21.73% Diff
Acenaphthylene		0.0686	mg/kg	J	Detected Results <RL and >MDL

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Table A-3. Summary of Qualified Data
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Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-51 (2-4)					
SB-51 (2-4)	**24I0294-03**	**9/5/2024**			
Acetone		0.011	mg/kg	J+	LCS - 225% Rec
Anthracene		0.0455	mg/kg	J	Detected Results <RL and >MDL
Benz(a)anthracene		0.0816	mg/kg	J	Detected Results <RL and >MDL
Benzo(a)pyrene		0.0895	mg/kg	J	Detected Results <RL and >MDL
Benzo(b)fluoranthene		0.0758	mg/kg	J	Detected Results <RL and >MDL
Benzo(k)fluoranthene		0.0693	mg/kg	J	Detected Results <RL and >MDL
Benzoic acid		< 0.0453	mg/kg	UJ	CCV - 57.5% Diff
bis(2-Chloroethoxy)methane		< 0.0453	mg/kg	UJ	CCV - 23.5% Diff
bis(2-Chloroisopropyl)ether		< 0.0453	mg/kg	UJ	CCV - 32.7% Diff
bis(2-Ethylhexyl)phthalate		< 0.0453	mg/kg	UJ	CCV - 25.4% Diff
Bromoform		< 0.0027	mg/kg	UJ	CCV - 22.5% Diff; LCS - 69.8% Rec
Bromomethane		< 0.0027	mg/kg	UJ	CCV - 97.2% Diff
Chloroethane		< 0.0027	mg/kg	UJ	CCV - 87.7% Diff
Chrysene		0.0859	mg/kg	J	Detected Results <RL and >MDL
Dichlorodifluoromethane		< 0.0027	mg/kg	UJ	CCV - 34.2% Diff
Hexachlorobutadiene		< 0.0027	mg/kg	UJ	LCS - 75.7% Rec
Hexachlorocyclopentadiene		< 0.0453	mg/kg	UJ	CCV - 47.3% Diff
Methylene chloride		< 0.0054	mg/kg	UJ	CCV - 88.2% Diff
N-Nitrosodimethylamine		< 0.0453	mg/kg	UJ	CCV - 33.1% Diff
Pyridine		< 0.181	mg/kg	UJ	CCV - 29.7% Diff
Tert-Butyl Alcohol		< 0.0027	mg/kg	UJ	CCV - 31.7% Diff; LCS - 66.2% Rec
Tetrachloroethene		< 0.0027	mg/kg	UJ	LCS - 68.2% Rec
Trichlorofluoromethane		< 0.0027	mg/kg	UJ	CCV - 83.1% Diff
Vinylchloride		< 0.0027	mg/kg	UJ	CCV - 49.9% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

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Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-52 (25-27)					
SB-52 (25-27)	**24I0046-04**	**8/30/2024**			
1,2-Diphenylhydrazine		< 0.0475	mg/kg	UJ	CCV - 31.8% Diff
4,6-Dinitro-2-methylphenol		< 0.0948	mg/kg	UJ	CCV - 56.6% Diff
Acetone		0.023	mg/kg	J+	LCS - 308% Rec
bis(2-Chloroisopropyl)ether		< 0.0475	mg/kg	UJ	CCV - 42.2% Diff
bis(2-Ethylhexyl)phthalate		< 0.0475	mg/kg	UJ	CCV - 31.6% Diff
Bromomethane		< 0.0022	mg/kg	UJ	CCV - 38.0% Diff
Butyl benzyl phthalate		< 0.0475	mg/kg	UJ	CCV - 28.5% Diff
Chloroethane		< 0.0022	mg/kg	UJ	CCV - 38.2% Diff
Dibenz(a,h)anthracene		< 0.0475	mg/kg	UJ	CCV - 26.1% Diff
Di-N-Octyl phthalate		< 0.0475	mg/kg	UJ	CCV - 28.0% Diff
Hexachlorocyclopentadiene		< 0.0475	mg/kg	UJ	CCV - 30.2% Diff
Isophorone		< 0.0475	mg/kg	UJ	CCV - 20.1% Diff
N-Nitrosodimethylamine		< 0.0475	mg/kg	UJ	CCV - 31.0% Diff
Pentachlorophenol		< 0.0475	mg/kg	UJ	CCV - 33.7% Diff
Pyridine		< 0.19	mg/kg	UJ	CCV - 24.2% Diff
Tetrachloroethene		< 0.0022	mg/kg	UJ	LCS - 77% Rec
Trichlorofluoromethane		< 0.0022	mg/kg	UJ	CCV - 32.8% Diff
Vinylchloride		< 0.0022	mg/kg	UJ	CCV - 23.4% Diff
SB-6 (21-23)					
SB-6 (21-23)	**24H2011-05**	**8/27/2024**			
1,1,1,2-Tetrachloroethane		< 0.0021	mg/kg	UJ	LCSD - 73.4% Rec
1,2,4-Trimethylbenzene		0.013	mg/kg	J+	Surr - 481% Rec
2,4-Dinitrophenol		< 0.0903	mg/kg	UJ	CCV - 38.9% Diff
2,4-Dinitrotoluene		< 0.0453	mg/kg	UJ	CCV - 27.5% Diff
2,6-Dinitrotoluene		< 0.0453	mg/kg	UJ	CCV - 26.0% Diff
4,6-Dinitro-2-methylphenol		< 0.0903	mg/kg	UJ	CCV - 31.7% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
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Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-6 (21-23)					
SB-6 (21-23)	**24H2011-05**	**8/27/2024**			
Acetone		0.01	mg/kg	J+	LCS - 255% Rec
Benzidine		< 0.181	mg/kg	UJ	CCV - 33.8% Diff
Benzoic acid		< 0.0453	mg/kg	UJ	CCV - 20.5% Diff
bis(2-Ethylhexyl)phthalate		< 0.0453	mg/kg	UJ	CCV - 33.3% Diff
Butyl benzyl phthalate		< 0.0453	mg/kg	UJ	CCV - 39.1% Diff
Chlorobenzene		0.0023	mg/kg	J+	Surr - 481% Rec; Result <RL & >MDL
Di-N-Octyl phthalate		< 0.0453	mg/kg	UJ	CCV - 39.4% Diff
Ethylbenzene		0.0025	mg/kg	J+	Surr - 481% Rec; Result <RL & >MDL
Hexachlorobenzene		< 0.0453	mg/kg	UJ	CCV - 23.1% Diff
Hexachlorocyclopentadiene		< 0.0453	mg/kg	UJ	CCV - 34.0% Diff
Isopropylbenzene (Cumene)		0.16	mg/kg	J+	Surr - 481% Rec
m,p-Xylene		0.0056	mg/kg	J+	Surr - 481% Rec; Result <RL & >MDL
N-Butylbenzene		0.11	mg/kg	J+	Surr - 481% Rec
N-Propylbenzene		0.29	mg/kg	J+	Surr - 481% Rec
Pentachlorophenol		< 0.0453	mg/kg	UJ	CCV - 43.8% Diff
Pyrene		< 0.0453	mg/kg	UJ	CCV - 24.6% Diff
Sec-Butylbenzene		0.13	mg/kg	J+	Surr - 481% Rec
T-Butylbenzene		0.014	mg/kg	J+	Surr - 481% Rec
Tetrachloroethene		< 0.0021	mg/kg	UJ	LCSD - 72.1% Rec
Trichloroethene		0.0054	mg/kg	J	Lab Dup - 58.6 RPD
Xylene (Total)		0.0072	mg/kg	J+	Surr - 481% Rec; Result <RL & >MDL
SB-60 (3-6)					
SB-60 (3-6)	**24I0221-02**	**9/3/2024**			
1,1,1,2-Tetrachloroethane		< 0.0031	mg/kg	UJ	CCV - 28.0% Diff
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.0031	mg/kg	UJ	CCV - 34.8% Diff
1,1-Dichloroethene		< 0.0031	mg/kg	UJ	CCV - 39.4% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-60 (3-6)					
SB-60 (3-6)	**24I0221-02**	**9/3/2024**			
1,2-Diphenylhydrazine		< 0.0508	mg/kg	UJ	CCV - 28.4%Diff
4,6-Dinitro-2-methylphenol		< 0.101	mg/kg	UJ	CCV - 28.4%Diff
Acetone		0.048	mg/kg	J+	LCS - 266% Rec
Acrolein		< 0.0061	mg/kg	UJ	CCV - 25.3% Diff
Aniline		< 0.203	mg/kg	UJ	CCV - 27.1%Diff
Benzoic acid		< 0.0508	mg/kg	UJ	CCV - 35.8%Diff
bis(2-Chloroethoxy)methane		< 0.0508	mg/kg	UJ	CCV - 21.9%Diff
bis(2-Chloroethyl)ether		< 0.0508	mg/kg	UJ	CCV - 26.9%Diff
bis(2-Chloroisopropyl)ether		< 0.0508	mg/kg	UJ	CCV - 34.7%Diff
Bromoform		< 0.0031	mg/kg	UJ	CCV - 29.7% Diff; LCS - 76% Rec
Bromomethane		< 0.0031	mg/kg	UJ	CCV - 97.6% Diff
Butyl benzyl phthalate		< 0.0508	mg/kg	UJ	CCV - 30.7%Diff
Chloroethane		< 0.0031	mg/kg	UJ	CCV - 90.0% Diff
Dibenz(a,h)anthracene		< 0.0508	mg/kg	UJ	CCV - 31.8%Diff
Dibromochloromethane		< 0.0031	mg/kg	UJ	CCV - 21.0% Diff
Dichlorodifluoromethane		< 0.0031	mg/kg	UJ	CCV - 35.4% Diff
Di-N-Octyl phthalate		< 0.0508	mg/kg	UJ	CCV - 32.4%Diff
Hexachlorobenzene		< 0.0508	mg/kg	UJ	CCV - 0.1 RRF
Hexachlorobutadiene		< 0.0031	mg/kg	UJ	LCS - 78.3% Rec
Hexachlorocyclopentadiene		< 0.0508	mg/kg	UJ	CCV - 26.1%Diff
N-Nitrosodimethylamine		< 0.0508	mg/kg	UJ	CCV - 31.1%Diff
Phenol		< 0.0508	mg/kg	UJ	CCV - 22.8%Diff
Pyridine		< 0.203	mg/kg	UJ	CCV - 22.8%Diff
Tert-Butyl Alcohol		< 0.0031	mg/kg	UJ	CCV - 26.9% Diff
Tetrachloroethene		< 0.0031	mg/kg	UJ	CCV - 25.8% Diff; LCS - 73.0% Rec
Trichlorofluoromethane		< 0.0031	mg/kg	UJ	CCV - 90.5% Diff
Vinylchloride		< 0.0031	mg/kg	UJ	CCV - 56.5% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-61 (2-5)					
SB-61 (2-5)	**24I0221-05**	**9/4/2024**			
1,1,1,2-Tetrachloroethane		< 0.0029	mg/kg	UJ	CCV - 28.0% Diff
1,1,2-Trichloro-1,2,2-Trifluoroethane		< 0.0029	mg/kg	UJ	CCV - 34.8% Diff
1,1-Dichloroethene		< 0.0029	mg/kg	UJ	CCV - 39.4% Diff
1,2-Diphenylhydrazine		< 0.0473	mg/kg	UJ	CCV - 28.4%Diff
4,6-Dinitro-2-methylphenol		< 0.0945	mg/kg	UJ	CCV - 28.4%Diff
Acetone		0.027	mg/kg	J+	LCS - 266% Rec
Acrolein		< 0.0058	mg/kg	UJ	CCV - 25.3% Diff
Aniline		< 0.189	mg/kg	UJ	CCV - 27.1%Diff
Benzoic acid		< 0.0473	mg/kg	UJ	CCV - 35.8%Diff
bis(2-Chloroethoxy)methane		< 0.0473	mg/kg	UJ	CCV - 21.9%Diff
bis(2-Chloroethyl)ether		< 0.0473	mg/kg	UJ	CCV - 26.9%Diff
bis(2-Chloroisopropyl)ether		< 0.0473	mg/kg	UJ	CCV - 34.7%Diff
Bromoform		< 0.0029	mg/kg	UJ	CCV - 29.7% Diff; LCS - 76% Rec
Bromomethane		< 0.0029	mg/kg	UJ	CCV - 97.6% Diff
Butyl benzyl phthalate		< 0.0473	mg/kg	UJ	CCV - 30.7%Diff
Chloroethane		< 0.0029	mg/kg	UJ	CCV - 90.0% Diff
Dibenz(a,h)anthracene		0.552	mg/kg	UJ	CCV - 31.8%Diff
Dibromochloromethane		< 0.0029	mg/kg	UJ	CCV - 21.0% Diff
Dichlorodifluoromethane		< 0.0029	mg/kg	UJ	CCV - 35.4% Diff
Di-N-Octyl phthalate		< 0.0473	mg/kg	UJ	CCV - 32.4%Diff
Hexachlorobenzene		< 0.0473	mg/kg	UJ	CCV - 0.1 RRF
Hexachlorobutadiene		< 0.0029	mg/kg	UJ	LCS - 78.3% Rec
Hexachlorocyclopentadiene		< 0.0473	mg/kg	UJ	CCV - 26.1%Diff
Naphthalene		0.0589	mg/kg	J	Result <RL & >MDL
N-Nitrosodimethylamine		< 0.0473	mg/kg	UJ	CCV - 31.1%Diff
Phenol		< 0.0473	mg/kg	UJ	CCV - 22.8%Diff
Pyridine		< 0.189	mg/kg	UJ	CCV - 22.8%Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-61 (2-5)					
SB-61 (2-5)	**24I0221-05**	**9/4/2024**			
Tert-Butyl Alcohol		< 0.0029	mg/kg	UJ	CCV - 26.9% Diff
Tetrachloroethene		< 0.0029	mg/kg	UJ	CCV - 25.8% Diff; LCS - 73.0% Rec
Trichlorofluoromethane		< 0.0029	mg/kg	UJ	CCV - 90.5% Diff
Vinylchloride		< 0.0029	mg/kg	UJ	CCV - 56.5% Diff
SB-62 (2-5)					
SB-62 (2-5)	**24I0746-01**	**9/9/2024**			
1,2-Dibromoethane (Ethylene Dibromide)		< 0.0033	mg/kg	UJ	CCV - 23.2% Diff
1,4-Dioxane		< 0.066	mg/kg	UJ	CCV - 31.3% Diff
2,4-Dinitrotoluene		< 0.046	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0917	mg/kg	UJ	CCV - 32.6% Diff
4-Methyl-2-pentanone		< 0.0033	mg/kg	UJ	CCV - 22.2% Diff
4-Nitroaniline		< 0.0917	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0917	mg/kg	UJ	CCV - 27.0% Diff
Acrolein		< 0.0066	mg/kg	UJ	CCV - 44.8% Diff
Arsenic		15.4	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.039	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.046	mg/kg	UJ	CCV - 21.3% Diff
bis(2-Ethylhexyl)phthalate		0.0535	mg/kg	J	Result <RL & >MDL
Bromochloromethane		< 0.0033	mg/kg	UJ	CCV - 20.9% Diff
Bromoform		< 0.0033	mg/kg	UJ	CCV - 26.5% Diff
Dibromochloromethane		< 0.0033	mg/kg	UJ	CCV - 22.9% Diff
Dichlorodifluoromethane		< 0.0033	mg/kg	UJ	CCV - 75.7% Diff
Methyl Ethyl Ketone (2-Butanone)		< 0.0033	mg/kg	UJ	CCV - 30.8% Diff
Methylene chloride		0.015	mg/kg	J	CCV - 33.4% Diff
Nickel		16.4	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.046	mg/kg	UJ	CCV - 26.6% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-62 (2-5)					
SB-62 (2-5)	**24I0746-01**	**9/9/2024**			
Pyridine		< 0.184	mg/kg	UJ	CCV - 23.4% Diff
Tert-Butyl Methyl Ether		< 0.0033	mg/kg	UJ	CCV - 24.7% Diff
SB-63 (10-12)					
SB-63 (10-12)	**24I0746-03**	**9/9/2024**			
2,4-Dinitrotoluene		< 0.05	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0997	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0997	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0997	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		2.95	mg/kg	J	Lab Dup - 48.2
Beryllium		< 0.042	mg/kg	UJ	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.05	mg/kg	UJ	CCV - 21.3% Diff
Nickel		6.74	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.05	mg/kg	UJ	CCV - 26.6% Diff
Pyridine		< 0.2	mg/kg	UJ	CCV - 23.4% Diff
Tetrachloroethene		< 0.003	mg/kg	UJ	LCS - 79.2% Rec
SB-7 (15-18)					
SB-7 (15-18)	**24H2011-02**	**8/27/2024**			
1,1,1,2-Tetrachloroethane		< 0.0023	mg/kg	UJ	LCSD - 73.4% Rec
1,2-Dibromo-3-chloropropane		0.0039	mg/kg	J	Result <RL & >MDL
2,4-Dinitrophenol		< 0.0885	mg/kg	UJ	CCV - 38.9% Diff
2,4-Dinitrotoluene		< 0.0444	mg/kg	UJ	CCV - 27.5% Diff
2,6-Dinitrotoluene		< 0.0444	mg/kg	UJ	CCV - 26.0% Diff
4,6-Dinitro-2-methylphenol		< 0.0885	mg/kg	UJ	CCV - 31.7% Diff
Acetone		0.022	mg/kg	J+	LCS - 255% Rec
Benzidine		< 0.177	mg/kg	UJ	CCV - 33.8% Diff
Benzoic acid		< 0.0444	mg/kg	UJ	CCV - 20.5% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-7 (15-18)					
SB-7 (15-18)	**24H2011-02**	**8/27/2024**			
bis(2-Ethylhexyl)phthalate		< 0.0444	mg/kg	UJ	CCV - 33.3% Diff
Butyl benzyl phthalate		< 0.0444	mg/kg	UJ	CCV - 39.1% Diff
Carbazole		0.0849	mg/kg	J	Result <RL & >MDL
Di-N-Octyl phthalate		< 0.0444	mg/kg	UJ	CCV - 39.4% Diff
Fluoranthene		0.0531	mg/kg	J	Result <RL & >MDL
Hexachlorobenzene		< 0.0444	mg/kg	UJ	CCV - 23.1% Diff
Hexachlorocyclopentadiene		< 0.0444	mg/kg	UJ	CCV - 34.0% Diff
Methyl Ethyl Ketone (2-Butanone)		0.0027	mg/kg	J	Result <RL & >MDL
Pentachlorophenol		< 0.0444	mg/kg	UJ	CCV - 43.8% Diff
Pyrene		0.311	mg/kg	J	CCV - 24.6% Diff
Tetrachloroethene		< 0.0023	mg/kg	UJ	LCSD - 72.1% Rec
Trichloroethene		0.0045	mg/kg	J	Lab Dup - 58.6 RPD
SB-8 (25-28)					
SB-8 (25-28)	**24H2011-01**	**8/27/2024**			
1,1,1,2-Tetrachloroethane		< 0.0023	mg/kg	UJ	LCSD - 73.4% Rec
1,2,4-Trimethylbenzene		0.43	mg/kg	J+	Surr - 219% Recovery
1,3,5-Trimethylbenzene (Mesitylene)		0.015	mg/kg	J+	Surr - 219% Recovery
2,4-Dinitrophenol		< 0.0942	mg/kg	UJ	CCV - 38.9% Diff
2,4-Dinitrotoluene		< 0.0472	mg/kg	UJ	CCV - 27.5% Diff
2,6-Dinitrotoluene		< 0.0472	mg/kg	UJ	CCV - 26.0% Diff
4,6-Dinitro-2-methylphenol		< 0.0942	mg/kg	UJ	CCV - 31.7% Diff
Acetone		0.024	mg/kg	J+	LCS - 255% Rec
Benzidine		< 0.189	mg/kg	UJ	CCV - 33.8% Diff
Benzo(g,h,i)perylene		0.0655	mg/kg	J	Result <RL & >MDL
Benzoic acid		< 0.0472	mg/kg	UJ	CCV - 20.5% Diff
bis(2-Ethylhexyl)phthalate		< 0.0472	mg/kg	UJ	CCV - 33.3% Diff

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-8 (25-28)					
SB-8 (25-28)	**24H2011-01**	**8/27/2024**			
Butyl benzyl phthalate		< 0.0472	mg/kg	UJ	CCV - 39.1% Diff
Di-N-Octyl phthalate		< 0.0472	mg/kg	UJ	CCV - 39.4% Diff
Ethylbenzene		0.0032	mg/kg	J+	Surr - 219% Recovery; Result <RL & >MDL
Hexachlorobenzene		< 0.0472	mg/kg	UJ	CCV - 23.1% Diff
Hexachlorocyclopentadiene		< 0.0472	mg/kg	UJ	CCV - 34.0% Diff
Indeno(1,2,3-cd)pyrene		0.0715	mg/kg	J	Result <RL & >MDL
Isopropylbenzene (Cumene)		0.026	mg/kg	J+	Surr - 219% Recovery
m,p-Xylene		0.023	mg/kg	J+	Surr - 219% Rec
Methylcyclohexane		0.0028	mg/kg	J	Result <RL & >MDL
N-Butylbenzene		0.059	mg/kg	J+	Surr - 219% Recovery
N-Propylbenzene		0.05	mg/kg	J+	Surr - 219% Recovery
o-Xylene		0.015	mg/kg	J+	Surr - 219% Rec
P-Cymene (P-Isopropyltoluene)		0.012	mg/kg	J+	LCSD - 136% Rec
Pentachlorophenol		< 0.0472	mg/kg	UJ	CCV - 43.8% Diff
Pyrene		< 0.0472	mg/kg	UJ	CCV - 24.6% Diff
Sec-Butylbenzene		0.024	mg/kg	J+	Surr - 219% Recovery
Tetrachloroethene		< 0.0023	mg/kg	UJ	LCSD - 72.1% Rec
Trichloroethene		0.0092	mg/kg	J	Lab Dup - 58.6 RPD
Xylene (Total)		0.038	mg/kg	J+	Surr - 219% Rec
SB-9 (17-20)					
SB-9 (17-20)	**24I0746-10**	**9/10/2024**			
2,4-Dinitrotoluene		< 0.0434	mg/kg	UJ	CCV - 20.6% Diff
4,6-Dinitro-2-methylphenol		< 0.0866	mg/kg	UJ	CCV - 32.6% Diff
4-Nitroaniline		< 0.0866	mg/kg	UJ	CCV - 21.5% Diff
4-Nitrophenol		< 0.0866	mg/kg	UJ	CCV - 27.0% Diff
Arsenic		18.8	mg/kg	J	Lab Dup - 48.2

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-3. Summary of Qualified Data
Remington Arms - Soil Borehole Project
August/September 2024 Sampling Project

Station Name / *Field Sample ID* / *Parameter*	*Lab Sample ID*	*Sample Date* / *Value*	*Unit*	*Qualifier*	**QC Type-Exceedance*
SB-9 (17-20)					
SB-9 (17-20)	**24I0746-10**	**9/10/2024**			
Beryllium		0.062	mg/kg	J	Lab Dup - 48.5 RPD
bis(2-Chloroisopropyl)ether		< 0.0434	mg/kg	UJ	CCV - 21.3% Diff
Nickel		17.4	mg/kg	J	Lab Dup - 57 RPD
Pentachlorophenol		< 0.0434	mg/kg	UJ	CCV - 26.6% Diff
Pyridine		< 0.173	mg/kg	UJ	CCV - 23.4% Diff
Tetrachloroethene		< 0.0019	mg/kg	UJ	LCS - 79.2% Rec

***Notes (if applicable): %Diff = Difference between original and dilution concentrations. Cal = Calibration. CCV = Continuing Calibration Verification. ICS = Interference Check Sample. ICV = Initial Calibration Verificaiton. LCS = Laboratory Control Sample. MB = Method Blank. MDL = Method Detection Limit. MS = Matrix Spike. MSD = Matrix Spike Duplicate. Orig Rslt = Original Result. PQL = Laboratory's Practical Quanitation Limit. RL = Reporting Limit. RPD = Relative Percent Difference. SD = Serial Dilution. Surr = Surrogate.**

Table A-4 PARCC Summary Table
Remington Arms - Soil Boring Project
August/September 2024 Sampling Event

Precision Objective

QC Type	# of Results Out of Control Limits	# of Qualifiers
Field Duplicates	35	52
Lab Duplicates	104	64
Total	**139**	**116**

Accuracy Objective

QC Type	# of Results Out of Control Limits	# of Qualifiers
Results <PQL and > MDL	119	92
Holding Time	0	0
Calibration	45	11
Initial Calibration Verification	86	0
Continuing Calibration Verification	329	809
Field Blanks	65	0
Lab Blanks	22	6
Interference Check Sample	0	0
Laboratory Control Sample	198	136
Matrix Spike Sample (Recoveries)	70	24
Serial Dilution Sample	14	9
Surrogates	41	75
Internal Standards	15	76
Total	**1004**	**1238**

***Notes:** One detected result that was originally qualified by laboratory as less than the reporting limit,

Representative Objective

A project specific sampling and analysis plan was not available, therefore project required sampling sites
Proper sampling and analytical procedures used for this sampling event.

Completeness Objective

# of Planned Measurements	# of Rejected (or anomalous) Measurements	% Completeness
10879	**94**	**99.1%**

Comparability Objective

Data results were reported in standard units
Data were qualified according to QAPP and EPA guidelines
Analysis were performed accoring to QAPP and EPA accepted methods.

Sensitivity Objective

Data were reported using the proper detection limits except for parameters noted in Table B-3.
Data were reported down to the method detection limit (MDL) for methods SW8260 (VOC) and SW8270 (SVOC). Detected results that were greater than the MDL but less than the laboratory quantitative reporting limit (RL), were qualified with "J" by the laboratory (119 results). Of the 119 results, 92 remained qualified "J", while the remaining results were qualified for other QC exceedances. Refer to Table B-4 for a list of these results.

Unqualified Data Percentage

# of Measurements	Total Measurements Qualified	% Not Qualified
10879	**1354**	**87.6%**

APPENDIX B

FIELD AND LABORATORY QA/QC SUMMARY FORMS AND TABLES

SAMPLE DATA REVIEW

Client	Site	Sampling & Analysis Plan	Sample Date
HRP Associates, Inc. 1 Fairfield Square, Suite 110. Clifton Park, NY 12065	Remington Arms Herkimer County Ilion, New York	Generic Field Activities Plan for Work Assignments. Prepared for: New York State Department of Environmental Conservation. Prepared by: HRP Associates, Inc. 8/9/2019.	August 26 through September 16, 2024
		Generic Quality Assurance Project Plan for Work Assignments. Prepared for: Yew York State Department of Environmental Conservation. Prepared by: HRP Associates, Inc. 8/8/2019.	
		Target Brownfield Sites, Herkimer County, NY - Generic QAPP 5/9/24. Addendum: Remington Arms. Multiple Parcels, Ilion, New York. Prepared for: Mr. John J. Piseck, Jr., Herkimer County Industrial Development Agency. Prepared by: HRP Associates, Inc. 7/1/2024	

Laboratory	Lab Package/SDG	No. of Samples/Matrix	Data Package Level
York Analytical	24H1788	5 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24H2011	7 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24H2129	3 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24I0046	3 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24I0221	6 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24I0294	6 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24I0746	14 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24I0791	8 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24I0889	4 Soil Samples & 1 Rinsate Blank	Category B
York Analytical	24I1005	12 Soil Samples & 1 Rinsate Blank	Category B

Reviewer Name	Received Complete Data Package Date	Data Validation Completion Date	Data Validation Level
Linda L. Tangen	10/22/2024	12/16/2024	Category B/ USEPA Stage 3.

Field QA/QC Summary

Description	Comments
Field Instrument Calibration	Not Required for solids.
Field Measurements Stabilized	Not Required for solids.
Project Required Field Parameters Measured	Not Required for solids.
Project Required Stations Sampled	Yes
Samples Preserved and Packaged Correctly	Soil samples collected for VOC analyses were shipped in glass jars instead of a hermetically sealed "purge and trap" vial as required by EPA method SW846-5035A. Results accepted without qualifiers for this deviation from sampling protocol.
Chain of Custodies Properly Filled Out	Yes
Rinsate Blanks	65 detected results / 0 qualifiers. See Table B-1.
Field Duplicate	35 out of QC / 52 qualifiers. See Table B-2.
Trip Blank	Not submitted for analysis. With input from the laboratory, no action was taken.

LABORATORY QA/QC SUMMARY

Lab Package/SDG	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1
Method/Analyses	**SM2540G**	**SW6010**	**SW6020**	**SW7470/7473**	**SW8081**	**SW8082**
Quality Control Criteria	**% Solids**	**Metals**	**Metals**	**Mercury**	**Pesticides**	**Aroclor/PCBs**
Preservation and Hold Times (HT)	NA	OK	OK	OK	OK	OK
Reporting Limits Met Project Detection Limits	NA	OK	OK	OK	Not met for selected compounds. See Table B-3	OK
Detected Results < Lab's Reporting Limit (RL) & > Method Detection Limit (MDL)	NA	None (Reported down to RL)	None (Reported down to RL)	None (Reported down to RL)	None (Reported down to RL)	None (Reported down to RL)
Calibration	NA	OK	OK	OK	OK	OK
Initial Calibration Verification	NA	OK	OK	OK	OK	OK
Continuing Calibration Verification	NA	5 out of QC 0 qualifiers See Table B-7b	22 out of QC 15 qualifiers See Table B-7b	OK	OK	1 out of QC 5 qualifiers See Table B-7a
Blanks	NA	4 out of QC 5 qualifiers See Table B-8	7 out of QC 0 qualifiers See Table B-8	OK	OK	OK
Interference Check Sample	NA	OK	OK	NA	NA	OK
Laboratory Control Sample	NA	OK	2 out of QC 1 qualifiers See Table B-9	OK	OK	OK
Duplicate Sample Analysis (Includes MS and LCS Duplicates)	OK	Frequency not met. See Table B-10a 5 out of QC 41 qualifiers See Table B-10b	Frequency not met. See Table B-10a 4 out of QC 4 qualifiers See Table B-10b	Frequency not met. See Table B-10a 5 out of QC 41 qualifiers See Table B-10b	Frequency not met. See Table B-10a	2 out of QC 0 qualifiers See Table B-10b
Matrix Spike Sample Analysis (Recoveries)	NA	13 out of QC 10 qualifiers See Table B-11	OK	1 out of QC 1 qualifiers See Table B-11	OK	OK

Table Continued

LABORATORY QA/QC SUMMARY (Continued)

Lab Package/SDG	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1
Method/Analyses	**SM2540G**	**SW6010**	**SW6020**	**SW7473**	**SW8081**	**SW8082**
Quality Control Criteria	**% Solids**	**Metals**	**Metals**	**Mercury**	**Pesticides**	**Aroclor/PCBs**
Serial Dilution	NA	12 out of QC 9 qualifiers See Table B-12	2 out of QC 0 qualifiers See Table B-12	NA	NA	NA
DMC or Sur Spikes	NA	NA	NA	NA	OK	2 out of QC 0 qualifiers See Table B-13
Internal Standards	NA	NA	NA	NA	NA	NA
System Performance Check	NA	NA	NA	NA	OK	OK
Target Analyte Identification	NA	OK	NA	OK	OK	OK
Target Analyte Quantitation	NA	OK	OK	OK	OK	OK
Tentatively Identified Compounds	NA	NA	OK	NA	NA	NA

Table Continued

LABORATORY QA/QC SUMMARY (Continued)

Lab Package/SDG	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1
Method/Analyses	**SW8151A**	**SW8260C**	**SW8270D**
Quality Control Criteria	**Herbicides**	**VOC**	**SVOC**
Preservation and Hold Times (HT)	OK	OK	OK
Reporting Limits Met Project Detection Limits	OK	Not met for selected compounds. See Table B-3	Not met for selected compounds. See Table B-3
Detected Results < Lab's Reporting Limit (RL) & > Method Detection Limit (MDL)	None (Reported down to RL)	44 results 20 J qualifiers. See Table B-4	75 results 72 J qualifiers. See Table B-4
Calibration	OK	4 out of QC 11 qualifiers See Table B-5	41 out of QC 0 qualifiers See Table B-5
Initial Calibration Verification	OK	34 out of QC 0 qualifiers See Table B-6	52 out of QC 0 qualifiers See Table B-6
Continuing Calibration Verification	OK	98 out of QC 207 qualifiers See Table B-7a	203 out of QC 582 qualifiers See Table B-7a
Blanks	OK	10 out of QC 1 qualifiers See Table B-8	1 out of QC 0 qualifiers See Table B-8
Interference Check Sample	OK	NA	NA
Laboratory Control Sample	OK	150 out of QC 102 qualifiers See Table B-9b	Frequency not met. See Table B-9a 46 out of QC 33 qualifiers See Table B-9
Duplicate Sample Analysis (Includes MS and LCS Duplicates)	Frequency not met. See Table B-10a	Frequency not met. See Table B-10a 75 out of QC 12 qualifiers See Table B-10b	Frequency not met. See Table B-10a 17 out of QC 2 qualifiers See Table B-10b

Table Continued

LABORATORY QA/QC SUMMARY (Continued)

Lab Package/SDG	Refer to Table A-1	Refer to Table A-1	Refer to Table A-1
Method/Analyses	**SW8151A**	**SW8260C**	**SW8270D**
Quality Control Criteria	**Herbicides**	**VOC**	**SVOC**
Matrix Spike Sample Analysis (Recoveries)	OK	43 out of QC 10 qualifiers See Table B-11	13 out of QC 3 qualifiers See Table B-11
Serial Dilution	NA	NA	NA
DMC or Sur Spikes	OK	23 out of QC 75 qualifiers See Table B-13	16 out of QC 0 qualifiers See Table B-13
Internal Standards	NA	5 out of QC 25 qualifiers See Table B-14	15 out of QC 76 qualifiers See Table B-14
System Performance Check	OK	OK	OK
Target Analyte Identification	OK	OK	OK
Target Analyte Quantitation	OK	OK	OK
Tentatively Identified Compounds	NA	Not Required	Not Required

Overall Data Assessment and Other Issues

Overall Assessment of Inorganic Data	Of 10879 measurements, 1354 were qualified, of these, 94 results were rejected. 99.1% of the data can be used for the purposes of this project, if qualified data are used with caution. The data validation qualifier and definitions are in Table A-2. The qualified data are reported in Table A-3. These tables are in Appendix A.
Other Issues	Detected results for methods SW8260 (VOC), and SW8270 (SVOC) were reported down the method detection limit (MDL). Detected results for all other methods were reported down to the laboratory's reporting limits.
	Trip blanks were not submitted for this sampling event. Therefore, low level cross-contamination in the field and shipping could not be measured.
	Field notes were not submitted for this sampling event. Stations where field duplicate samples were collected were obtained by an email from the project manager.
	Field rinsate blanks were not used to qualify data. However, the detections were noted in the report.
	The sample containers used to ship samples for method SW8260 (VOC) analyses were 4-ounce glass jars, not hermetically sealed vials (trap and seal containers), as required by preparation method SW5035A. This is a common occurrence and with the laboratory's input, no action was taken.

Table B-1. Rinsate Blank Detections

Blank Type	Sample Code	Lab Code	Submit Date	Parameter	Unit	MDL	RL	Blank Result	5 X Blank	Notes*
Method SW6010										
Rinsate	RB_8.26.24	24H1788-06	8/26/24	Chromium	ug/l	1.11	1.11	1.52	7.6	0 (2)
				Copper	ug/l	1.11	1.11	1.14	5.7	0 (2)
				Zinc	ug/l	1.11	1.11	8.26	41.3	0 (3)
Rinsate	RB_8.28.24	24H2011-08	8/28/24	Chromium	ug/l	1.11	1.11	1.17	5.85	0 (1)
				Copper	ug/l	1.11	1.11	1.64	8.2	0 (2)
				Zinc	ug/l	1.11	1.11	13.8	69	0 (3)
Rinsate	RB_8.29.24	24H2129-04	8/29/24	Chromium	ug/l	1.11	1.11	1.38	6.9	0 (1)
				Copper	ug/l	1.11	1.11	1.37	6.85	0 (2)
				Zinc	ug/l	1.11	1.11	12.9	64.5	0 (3)
Rinsate	RB_8.30.24	24I0046-03	8/30/24	Chromium	ug/l	1.11	1.11	1.3	6.5	0 (2)
				Copper	ug/l	1.11	1.11	1.34	6.7	0 (2)
				Nickel	ug/l	1.11	1.11	2.69	13.45	0 (2)
				Zinc	ug/l	1.11	1.11	13.8	69	0 (3)
Rinsate	RB_9.3.24	24I0221-04	9/3/24	Chromium	ug/l	1.11	1.11	1.26	6.3	0 (2)
				Copper	ug/l	1.11	1.11	1.2	6	0 (2)
				Selenium	ug/l	1.11	1.11	2.28	11.4	0 (1,2)
				Zinc	ug/l	1.11	1.11	13.2	66	0 (3)
Rinsate	RB_9.9.24	24I0746-05	9/9/24	Chromium	ug/l	1.11	1.11	2.15	10.75	0 (2)
				Copper	ug/l	1.11	1.11	1.33	6.65	0 (2)
				Selenium	ug/l	1.11	1.11	1.32	6.6	0 (1,2)
				Zinc	ug/l	1.11	1.11	13.6	68	0 (3)
Rinsate	RB_9.12.24	24I0791-09	9/12/24	Chromium	ug/l	1.11	1.11	1.3	6.5	0 (2)
				Copper	ug/l	1.11	1.11	6.71	33.55	0 (3)
				Nickel	ug/l	1.11	1.11	1.26	6.3	0 (2)
				Selenium	ug/l	1.11	1.11	1.78	8.9	0 (1,2)
				Zinc	ug/l	1.11	1.11	14.7	73.5	0 (3)
Rinsate	RB_9.13.24	24I0889-05	9/13/24	Chromium	ug/l	1.11	1.11	1.49	7.45	0 (2)
				Copper	ug/l	1.11	1.11	1.67	8.35	0 (2)
				Lead	ug/l	1.11	1.11	3.26	16.3	0 (3)
				Zinc	ug/l	1.11	1.11	12.5	62.5	0 (3)
Rinsate	RB_9.16.24	24I1005-12	9/16/24	Chromium	ug/l	1.11	1.11	1.38	6.9	0 (2)
				Copper	ug/l	1.11	1.11	1.77	8.85	0 (2)
				Zinc	ug/l	1.11	1.11	20.6	103	0 (3)
Method SW7470										
Rinsate	RB_8.30.24	24I0046-03	8/30/24	Mercury	mg/l	0.0002	0.0002	2E-04	0.001	0 (1,2)
Method SW8082										
Rinsate	RB_9.9.24	24I0746-05	9/9/24	Aroclor-1254	ug/l	0.05	0.05	0.202	1.01	0 (1)
				Polychlorinated Biphenyl (PCBs)	ug/l	0.05	0.05	0.202	1.01	0 (1)
Method SW8260										
Rinsate	RB_8.26.24	24H1788-06	8/26/24	Bromodichloromethane	ug/l	0.245	0.5	1.4	7	0 (1)
				Chloroform	ug/l	0.243	0.5	14.7	73.5	0 (1)
				trans-1,3-Dichloropropene	ug/l	0.229	0.5	0.32	1.6	0 (1)
Rinsate	RB_8.28.24	24H2011-08	8/28/24	Bromodichloromethane	ug/l	0.245	0.245	1.69	8.45	0 (1)
				Chloroform	ug/l	0.243	0.243	18.4	92	0 (1)
Rinsate	RB_8.29.24	24H2129-04	8/29/24	Bromodichloromethane	ug/l	0.245	0.245	1.43	7.15	0 (1)
				Chloroform	ug/l	0.243	0.243	17.2	86	0 (1)

Table B-1. Rinsate Blank Detections

Blank Type	Sample Code	Lab Code	Submit Date	Parameter	Unit	MDL	RL	Blank Result	5 X Blank	Notes*
Rinsate	RB_8.30.24	24I0046-03	8/30/24	Bromodichloromethane	ug/l	0.245	0.245	1.59	7.95	0 (1)
				Chloroform	ug/l	0.243	0.243	18	90	0 (1)
Rinsate	RB_9.3.24	24I0221-04	9/3/24	Bromodichloromethane	ug/l	0.245	0.245	1.71	8.55	0 (1)
				Chloroform	ug/l	0.243	0.243	20.9	104.5	0 (1)
Rinsate	RB_9.9.24	24I0746-05	9/9/24	Bromodichloromethane	ug/l	0.245	0.245	0.92	4.6	0 (1)
				Chloroform	ug/l	0.243	0.243	9.05	45.25	0 (1)
Rinsate	RB_9.12.24	24I0791-09	9/12/24	Bromodichloromethane	ug/l	0.245	0.245	1.25	6.25	0 (1)
				Chloroform	ug/l	0.243	0.243	16.4	82	0 (1)
Rinsate	RB_9.13.24	24I0889-05	9/13/24	Bromodichloromethane	ug/l	0.245	0.245	1.2	6	0 (1)
				Chloroform	ug/l	0.243	0.243	15.1	75.5	0 (1)
Rinsate	RB_9.16.24	24I1005-12	9/16/24	Bromodichloromethane	ug/l	0.245	0.245	1.17	5.85	0 (1)
				Chloroform	ug/l	0.243	0.243	12.8	64	0 (1)
Method SW8270										
Rinsate	RB_8.26.24	24H1788-06	8/26/24	Naphthalene	ug/l	0.05	0.05	0.05	0.25	0 (1,2)
Rinsate	RB_8.29.24	24H2129-04	8/29/24	Naphthalene	ug/l	0.05	0.05	0.12	0.6	0 (3)
Rinsate	RB_8.30.24	24I0046-03	8/30/24	Naphthalene	ug/l	0.05	0.05	0.1	0.5	0 (3)
Rinsate	RB_9.9.24	24I0746-05	9/9/24	Fluoranthene	ug/l	0.05	0.05	0.05	0.25	0 (1,2)
				Naphthalene	ug/l	0.05	0.05	0.2	1	0 (1,2)
				Phenanthrene	ug/l	0.05	0.05	0.1	0.5	0 (1,2)
				Pyrene	ug/l	0.05	0.05	0.05	0.25	0 (1,2)
Rinsate	RB_9.12.24	24I0791-09	9/12/24	Naphthalene	ug/l	0.05	0.05	0.06	0.3	0 (3)
Rinsate	RB_9.13.24	24I0889-05	9/13/24	Naphthalene	ug/l	0.05	0.05	0.05	0.25	0 (3)
Rinsate	RB_9.16.24	24I1005-12	9/16/24	bis(2-Ethylhexyl)phthalate	ug/l	2.5	2.5	10.6	53	0 (1)

***Notes:**

1) Associated results were less than the MDL. No field cross-contamination apparent.

2) Associated results had higher levels of concentrations. No field cross-contamination apparent at levels that were consequential.

3) Associated results were had low level concentrations. Possible low level field cross contamination. Qualifiers were not required by

Table B-2. Field Duplicate Exceedances

Station	Sample/Dup Code	Sample Date	Parameter	Unit	Orig Result	Dup Result	RL	RPD or Diff	Flags
Method 6010D									
SB-15 (20-23)	SB-15 (20-23) & SB-DUP-3	9/12/24	Arsenic	mg/kg	15.7	10.3	1.1	41.5 RPD	2 J
SB-18 (2-5)	SB-18 (2-5)	9/10/24	Beryllium	mg/kg	0.724	1.36	0	61 RPD	0 (1)
	& SB-DUP-2		Chromium	mg/kg	15.8	5.59	0.5	95.5 RPD	2 J
			Copper	mg/kg	119	26.2	1.9	128 RPD	2 J
			Lead	mg/kg	68.8	9.28	0.5	153 RPD	2 J
			Nickel	mg/kg	66	6.41	0.9	165 RPD	0 (1)
			Selenium	mg/kg	13.8	6.52	2.4	7.28 DIFF	2 J
			Zinc	mg/kg	168	14.2	2.4	169 RPD	2 J
SB-35 (1-4)	SB-35 (1-4)	9/12/24	Arsenic	mg/kg	3.86	10.6	1.1	6.74 DIFF	1 J
	& SB-DUP-4		Beryllium	mg/kg	0.124	0.36	0	0.24 DIFF	2 J
			Chromium	mg/kg	6.22	15.4	0.4	84.9 RPD	2 J
			Copper	mg/kg	23.3	49.8	1.5	72.5 RPD	1 J
			Lead	mg/kg	5.86	67.5	0.4	168 RPD	1 J
			Nickel	mg/kg	10.7	32.7	0.7	101 RPD	2 J
			Zinc	mg/kg	29.7	102	1.8	110 RPD	2 J
Method 8260									
SB-15 (20-23)	SB-15 (20-23)	9/12/24	Isopropylbenzene	mg/kg	0.062	0.16	0	88.3 RPD	0 (1)
	& SB-DUP-3		Methylcyclohexane	mg/kg	0.025	0.041	0	48.5 RPD	1 J
			N-Butylbenzene	mg/kg	0.13	0.21	0	47.1 RPD	0 (1)
			N-Propylbenzene	mg/kg	0.12	0.28	0	80 RPD	0 (1)
			Sec-Butylbenzene	mg/kg	0.068	0.18	0	90 RPD	0 (1)
			T-Butylbenzene	mg/kg	0.0069	0.019	0	0.01 DIFF	1 J
Method 8270									
SB-15 (20-23)	SB-15 (20-23)	9/12/24	2-Methylnaphthalene	mg/kg	2.53	5.13	0	67.9 RPD	1 J (2)
	& SB-DUP-3		Acenaphthylene	mg/kg	0.224	<0.0451	0	0.18 DIFF	1 J; 1 UJ
			Dibenzofuran	mg/kg	0.54	<0.0451	0	0.49 DIFF	1 J; 1 UJ
			Naphthalene	mg/kg	0.195	<0.0451	0	0.15 DIFF	1 J (2)
SB-2 (0.5-4)	SB-2 (0.5-4)	8/26/24	Fluoranthene	mg/kg	0.555	0.265	0.1	0.29 DIFF	2 J
	& SB-DUP-1		Pyrene	mg/kg	0.405	0.202	0.1	0.2 DIFF	2 J
SB-35 (1-4)	SB-35 (1-4)	9/12/24	Benz(a)anthracene	mg/kg	0.181	<0.0446	0	0.14 DIFF	1 J; 1 UJ
	& SB-DUP-4		Benzo(a)pyrene	mg/kg	0.152	<0.0446	0	0.11 DIFF	1 J; 1 UJ
			Benzo(b)fluoranthene	mg/kg	0.136	<0.0446	0	0.09 DIFF	1 J; 1 UJ
			Benzo(k)fluoranthene	mg/kg	0.14	<0.0446	0	0.1 DIFF	1 J; 1 UJ
			Chrysene	mg/kg	0.189	<0.0446	0	0.14 DIFF	1 J; 1 UJ
			Fluoranthene	mg/kg	0.426	<0.0446	0	0.38 DIFF	1 J; 1 UJ
			Phenanthrene	mg/kg	0.373	<0.0446	0	0.33 DIFF	1 J; 1 UJ
			Pyrene	mg/kg	0.418	<0.0446	0	0.37 DIFF	1 J; 1 UJ

***Note:**

1) Associated sample results were already flagged for another QC exceedance.

2) One of the associated sample results was already flagged for another QC exceedance.

Table B-3. Non-Detected Results Where the Reporting Levels were Greater than the Project's Required Detection Limits

Station	Field ID	Lab ID	Sample Date	Parameter	Unit	Result (<MDL or RL)*	MDL*	Lab's RL*	PRDL*	Dilution Factor
Method SW8081B										
CS-1	CS-1	24I1005-05	9/16/24	Tech-Chlordane	mg/kg	0.0338	0.0338	0.0338	0.0017	5
CS-1	CS-1	24I1005-05	9/16/24	Toxaphene	mg/kg	0.169	0.169	0.169	0.034	5
CS-2	CS-2	24I1005-07	9/16/24	Tech-Chlordane	mg/kg	0.0334	0.0334	0.0334	0.0017	5
CS-2	CS-2	24I1005-07	9/16/24	Toxaphene	mg/kg	0.167	0.167	0.167	0.034	5
CS-3	CS-3	24I1005-09	9/16/24	Aldrin	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Alpha Endosulfan	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	cis-Chlordane	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Gamma Bhc (Lindane)	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Gamma-Chlordane	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Heptachlor	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Heptachlor Epoxide	mg/kg	0.00183	0.0018	0.0018	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Tech-Chlordane	mg/kg	0.0366	0.0366	0.0366	0.0017	5
CS-3	CS-3	24I1005-09	9/16/24	Toxaphene	mg/kg	0.183	0.183	0.183	0.034	5
CS-4	CS-4	24I1005-11	9/16/24	Tech-Chlordane	mg/kg	0.0329	0.0329	0.0329	0.0017	5
CS-4	CS-4	24I1005-11	9/16/24	Toxaphene	mg/kg	0.165	0.165	0.165	0.034	5
Method SW8260										
GS-1	GS-1	24I1005-04	9/16/24	Xylene (Total)	mg/kg	0.0081	0.0081	0.0081	0.005	1
GS-2	GS-2	24I1005-06	9/16/24	Xylene (Total)	mg/kg	0.0075	0.0075	0.0075	0.005	1
GS-3	GS-3	24I1005-08	9/16/24	Xylene (Total)	mg/kg	0.0069	0.0069	0.0069	0.005	1
GS-4	GS-4	24I1005-10	9/16/24	Xylene (Total)	mg/kg	0.0092	0.0092	0.0092	0.005	1
SB-1 (12-14)	SB-1 (12-14)	24H1788-01	8/26/24	Xylene (Total)	mg/kg	0.0056	0.0056	0.011	0.005	1
SB-10 (23-26)	SB-10 (23-26)	24I0746-11	9/10/24	Xylene (Total)	mg/kg	0.0064	0.0064	0.0064	0.005	1
SB-11 (20-23)	SB-11 (20-23)	24I0746-12	9/11/24	Methylene chloride	mg/kg	0.0052	0.0052	0.0052	0.005	1
SB-11 (20-23)	SB-11 (20-23)	24I0746-12	9/11/24	Xylene (Total)	mg/kg	0.0077	0.0077	0.0077	0.005	1
SB-12 (10-12)	SB-12 (10-12)	24I0791-04	9/12/24	Xylene (Total)	mg/kg	0.01	0.01	0.01	0.005	1
SB-13 (2-4)	SB-13 (2-4)	24I0791-07	9/12/24	Xylene (Total)	mg/kg	0.0089	0.0089	0.0089	0.005	1
SB-14 (12-15)	SB-14 (12-15)	24H2011-07	8/28/24	Methylene chloride	mg/kg	0.0051	0.0051	0.0051	0.005	1
SB-15 (20-23)	SB-15 (20-23)	24I0791-05	9/12/24	Xylene (Total)	mg/kg	0.008	0.008	0.008	0.005	1
SB-15 (20-23)	SB-DUP-3	24I0791-06	9/12/24	Xylene (Total)	mg/kg	0.0081	0.0081	0.0081	0.005	1
SB-16 (21-24)	SB-16 (21-24)	24I0791-03	9/12/24	Xylene (Total)	mg/kg	0.0088	0.0088	0.0088	0.005	1
SB-17 (25-28)	SB-17 (25-28)	24I0746-04	9/9/24	Xylene (Total)	mg/kg	0.0073	0.0073	0.0073	0.005	1
SB-2 (0.5-4)	SB-2 (0.5-4)	24H1788-02	8/26/24	Xylene (Total)	mg/kg	0.0063	0.0063	0.013	0.005	1
SB-2 (0.5-4)	SB-DUP-1	24H1788-03	8/26/24	Xylene (Total)	mg/kg	0.0073	0.0073	0.015	0.005	1
SB-22 (16-18)	SB-22 (16-18)	24H2011-04	8/27/24	Xylene (Total)	mg/kg	0.0067	0.0067	0.0067	0.005	1
SB-23 (18-21)	SB-23 (18-21)	24I0746-09	9/10/24	Xylene (Total)	mg/kg	0.0082	0.0082	0.0082	0.005	1
SB-24 (23-25)	SB-24 (23-25)	24H2011-06	8/28/24	Methylene chloride	mg/kg	0.0052	0.0052	0.0052	0.005	1
SB-24 (23-25)	SB-24 (23-25)	24H2011-06	8/28/24	Xylene (Total)	mg/kg	0.0078	0.0078	0.0078	0.005	1
SB-25 (1-3)	SB-25 (1-3)	24I0046-02	8/30/24	Xylene (Total)	mg/kg	0.0085	0.0085	0.0085	0.005	1
SB-26 (5-6)	SB-26 (5-6)	24I0221-03	9/3/24	Xylene (Total)	mg/kg	0.0072	0.0072	0.0072	0.005	1
SB-29 (1-4)	SB-29 (1-4)	24I0221-07	9/4/24	Methylene chloride	mg/kg	0.0054	0.0054	0.0054	0.005	1
SB-29 (1-4)	SB-29 (1-4)	24I0221-07	9/4/24	Xylene (Total)	mg/kg	0.0081	0.0081	0.0081	0.005	1
SB-3 (14-16)	SB-3 (14-16)	24H1788-04	8/26/24	Xylene (Total)	mg/kg	0.006	0.006	0.012	0.005	1
SB-30 (4-6)	SB-30 (4-6)	24I0221-01	9/3/24	Xylene (Total)	mg/kg	0.0088	0.0088	0.0088	0.005	1
SB-35 (1-4)	SB-35 (1-4)	24I0791-01	9/12/24	Xylene (Total)	mg/kg	0.0078	0.0078	0.0078	0.005	1
SB-35 (1-4)	SB-DUP-4	24I0791-02	9/12/24	Xylene (Total)	mg/kg	0.0079	0.0079	0.0079	0.005	1
SB-36 (3-5)	SB-36 (3-5)	24I0791-08	9/12/24	Xylene (Total)	mg/kg	0.0082	0.0082	0.0082	0.005	1

Table B-3. Non-Detected Results Where the Reporting Levels were Greater than the Project's Required Detection Limits

Station	Field ID	Lab ID	Sample Date	Parameter	Unit	Result (<MDL or RL)*	MDL*	Lab's RL*	PRDL*	Dilution Factor
SB-37 (2.5-3.5)	SB-37 (2.5-3.5)	24I1005-02	9/16/24	Xylene (Total)	mg/kg	0.0092	0.0092	0.0092	0.005	1
SB-38 (3-5)	SB-38 (3-5)	24I1005-03	9/16/24	Xylene (Total)	mg/kg	0.01	0.01	0.01	0.005	1
SB-39 (1.5-3.5)	SB-39 (1.5-3.5)	24I1005-01	9/16/24	Xylene (Total)	mg/kg	0.011	0.011	0.011	0.005	1
SB-4 (0.5-2.5)	SB-4 (0.5-2.5)	24H2011-03	8/27/24	Xylene (Total)	mg/kg	0.0075	0.0075	0.0075	0.005	1
SB-40 (22-24)	SB-40 (22-24)	24I0889-02	9/13/24	Xylene (Total)	mg/kg	0.0072	0.0072	0.0072	0.005	1
SB-41 (5-9)	SB-41 (5-9)	24I0889-03	9/13/24	Xylene (Total)	mg/kg	0.01	0.01	0.01	0.005	1
SB-42 (20-23)	SB-42 (20-23)	24I0046-01	8/30/24	Methylene chloride	mg/kg	0.0051	0.0051	0.0051	0.005	1
SB-42 (20-23)	SB-42 (20-23)	24I0046-01	8/30/24	Xylene (Total)	mg/kg	0.0077	0.0077	0.0077	0.005	1
SB-43 (13-15)	SB-43 (13-15)	24I0889-04	9/13/24	Xylene (Total)	mg/kg	0.0075	0.0075	0.0075	0.005	1
SB-45 (28-30)	SB-45 (28-30)	24H2129-02	8/29/24	Xylene (Total)	mg/kg	0.0075	0.0075	0.0075	0.005	1
SB-46 (20-23)	SB-46 (20-23)	24H2129-03	8/29/24	Xylene (Total)	mg/kg	0.0065	0.0065	0.0065	0.005	1
SB-48 (28-31)	SB-48 (28-31)	24I0294-02	9/5/24	Methylene chloride	mg/kg	0.0058	0.0058	0.0058	0.005	1
SB-48 (28-31)	SB-48 (28-31)	24I0294-02	9/5/24	Xylene (Total)	mg/kg	0.0088	0.0088	0.0088	0.005	1
SB-49 (27-30)	SB-49 (27-30)	24I0294-01	9/5/24	Methylene chloride	mg/kg	0.0061	0.0061	0.0061	0.005	1
SB-49 (27-30)	SB-49 (27-30)	24I0294-01	9/5/24	Xylene (Total)	mg/kg	0.0092	0.0092	0.0092	0.005	1
SB-5 (17.5-20)	SB-5 (17.5-20)	24H1788-05	8/26/24	Xylene (Total)	mg/kg	0.0061	0.0061	0.012	0.005	1
SB-51 (10-13)	SB-51 (10-13)	24I0294-04	9/5/24	Methylene chloride	mg/kg	0.0053	0.0053	0.0053	0.005	1
SB-51 (10-13)	SB-51 (10-13)	24I0294-04	9/5/24	Xylene (Total)	mg/kg	0.0079	0.0079	0.0079	0.005	1
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Methylene chloride	mg/kg	0.0054	0.0054	0.0054	0.005	1
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Xylene (Total)	mg/kg	0.0081	0.0081	0.0081	0.005	1
SB-52 (25-27)	SB-52 (25-27)	24I0046-04	8/30/24	Xylene (Total)	mg/kg	0.0065	0.0065	0.0065	0.005	1
SB-60 (3-6)	SB-60 (3-6)	24I0221-02	9/3/24	Methylene chloride	mg/kg	0.0061	0.0061	0.0061	0.005	1
SB-60 (3-6)	SB-60 (3-6)	24I0221-02	9/3/24	Xylene (Total)	mg/kg	0.0092	0.0092	0.0092	0.005	1
SB-61 (2-5)	SB-61 (2-5)	24I0221-05	9/4/24	Methylene chloride	mg/kg	0.0058	0.0058	0.0058	0.005	1
SB-61 (2-5)	SB-61 (2-5)	24I0221-05	9/4/24	Xylene (Total)	mg/kg	0.0087	0.0087	0.0087	0.005	1
SB-62 (2-5)	SB-62 (2-5)	24I0746-01	9/9/24	Xylene (Total)	mg/kg	0.01	0.01	0.01	0.005	1
SB-63 (10-12)	SB-63 (10-12)	24I0746-03	9/9/24	Methylene chloride	mg/kg	0.0059	0.0059	0.0059	0.005	1
SB-63 (10-12)	SB-63 (10-12)	24I0746-03	9/9/24	Xylene (Total)	mg/kg	0.0089	0.0089	0.0089	0.005	1
SB-7 (15-18)	SB-7 (15-18)	24H2011-02	8/27/24	Xylene (Total)	mg/kg	0.0068	0.0068	0.0068	0.005	1
SB-9 (17-20)	SB-9 (17-20)	24I0746-10	9/10/24	Xylene (Total)	mg/kg	0.0058	0.0058	0.0058	0.005	1
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SB-11 (20-23)	SB-11 (20-23)	24I0746-12	9/11/24	Caprolactam	mg/kg	0.175	0.175	0.175	0.17	2
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2,4,6-Trichlorophenol	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2,4-Dichlorophenol	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2,4-Dimethylphenol	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2,4-Dinitrophenol	mg/kg	0.437	0.437	0.437	0.33	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2,4-Dinitrotoluene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2,6-Dinitrotoluene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2-Chloronaphthalene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2-Chlorophenol	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2-Methylnaphthalene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2-Methylphenol	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2-Nitroaniline	mg/kg	0.437	0.437	0.437	0.33	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	2-Nitrophenol	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	3,3'-Dichlorobenzidine	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	3-Nitroaniline	mg/kg	0.437	0.437	0.437	0.33	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	4,6-Dinitro-2-methylphenol	mg/kg	0.437	0.437	0.437	0.33	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	4-Bromophenyl-phenylether	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	4-Chloroaniline	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	4-Chlorophenyl-phenylether	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	4-Nitroaniline	mg/kg	0.437	0.437	0.437	0.33	10

Table B-3. Non-Detected Results Where the Reporting Levels were Greater than the Project's Required Detection Limits

Station	Field ID	Lab ID	Sample Date	Parameter	Unit	Result (<MDL or RL)*	MDL*	Lab's RL*	PRDL*	Dilution Factor
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	4-Nitrophenol	mg/kg	0.437	0.437	0.437	0.33	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Acenaphthene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Acetophenone	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Anthracene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Atrazine	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Benzaldehyde	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Biphenyl (Diphenyl or 1,1'-Biphenyl)	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	bis(2-Chloroethoxy)methane	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	bis(2-Chloroethyl)ether	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	bis(2-Chloroisopropyl)ether	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	bis(2-Ethylhexyl)phthalate	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Butyl benzyl phthalate	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Caprolactam	mg/kg	0.437	0.437	0.437	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Carbazole	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Dibenz(a,h)anthracene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Dibenzofuran	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Diethylphthalate	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Dimethyl phthalate	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Di-N-Butyl phthalate	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Di-N-Octyl phthalate	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Fluorene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Hexachlorobenzene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Hexachlorobutadiene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Hexachlorocyclopentadiene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Hexachloroethane	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Isophorone	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Naphthalene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Nitrobenzene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	N-Nitroso-di-N-propylamine	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	N-Nitrosodiphenylamine	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	p-Chloro-m-cresol	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Phenanthrene	mg/kg	0.219	0.219	0.219	0.17	10
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Phenol	mg/kg	0.219	0.219	0.219	0.17	10
SB-34 (25-27)	SB-34 (25-27)	24I0746-14	9/11/24	Caprolactam	mg/kg	0.178	0.178	0.178	0.17	2

***Notes:** RL = Reporting Limit; MDL = Method Detection Limit; PRDL = Project Required Reporting Limit (HRP Generic QAPP, 2019); NA = Not Applicable. Pesticides were reported to the laboratory's RL and not the MDL.

Table B-4. Summary of Detected Results That Were Less Than the Reporting Limit

Station	Field ID	Lab ID	Sample Date	Parameter	Unit	Result	RL	MDL	Flag
Method SW8260									
Rinsate Blank	RB_8.26.24	24H1788-06	8/26/24	trans-1,3-Dichloropropene	ug/l	0.32	0.5	0.229	J
SB-1 (12-14)	SB-1 (12-14)	24H1788-01	8/26/24	Methylene chloride	mg/kg	0.0061	0.008	0.0037	J
SB-14 (12-15)	SB-14 (12-15)	24H2011-07	8/28/24	Trichloroethene	mg/kg	0.0046	0.003	0.0026	0 *
SB-15 (20-23)	SB-15 (20-23)	24I0791-05	9/12/24	Methylene chloride	mg/kg	0.0078	0.005	0.0053	0 *
SB-15 (20-23)	SB-DUP-3	24I0791-06	9/12/24	Cyclohexane	mg/kg	0.0033	0.003	0.0027	J
SB-15 (20-23)	SB-DUP-3	24I0791-06	9/12/24	Methylene chloride	mg/kg	0.0094	0.005	0.0054	0 *
SB-2 (0.5-4)	SB-2 (0.5-4)	24H1788-02	8/26/24	Acetone	mg/kg	0.0057	0.008	0.0042	0 *
SB-2 (0.5-4)	SB-2 (0.5-4)	24H1788-02	8/26/24	Methylene chloride	mg/kg	0.0083	0.008	0.0042	J
SB-24 (23-25)	SB-24 (23-25)	24H2011-06	8/28/24	Ethylbenzene	mg/kg	0.0028	0.003	0.0026	0 *
SB-24 (23-25)	SB-24 (23-25)	24H2011-06	8/28/24	m,p-Xylene	mg/kg	0.0061	0.005	0.0052	0 *
SB-25 (1-3)	SB-25 (1-3)	24I0046-02	8/30/24	Acetone	mg/kg	0.0085	0.006	0.0057	0 *
SB-25 (1-3)	SB-25 (1-3)	24I0046-02	8/30/24	Methylene chloride	mg/kg	0.0081	0.006	0.0057	J
SB-3 (14-16)	SB-3 (14-16)	24H1788-04	8/26/24	Methyl Ethyl Ketone (2-Butanone)	mg/kg	0.0026	0.004	0.002	J
SB-3 (14-16)	SB-3 (14-16)	24H1788-04	8/26/24	Methylene chloride	mg/kg	0.0072	0.008	0.004	J
SB-3 (14-16)	SB-3 (14-16)	24H1788-04	8/26/24	N-Butylbenzene	mg/kg	0.0027	0.004	0.002	J
SB-30 (4-6)	SB-30 (4-6)	24I0221-01	9/3/24	Acetone	mg/kg	0.0082	0.006	0.0059	0 *
SB-30 (4-6)	SB-30 (4-6)	24I0221-01	9/3/24	Trichloroethene	mg/kg	0.0034	0.003	0.0029	J
SB-35 (1-4)	SB-DUP-4	24I0791-02	9/12/24	Acetone	mg/kg	0.0084	0.005	0.0053	0 *
SB-35 (1-4)	SB-DUP-4	24I0791-02	9/12/24	Methylene chloride	mg/kg	0.01	0.005	0.0053	0 *
SB-39 (1.5-3.5)	SB-39 (1.5-3.5)	24I1005-01	9/16/24	1,2,3-Trichlorobenzene	mg/kg	0.004	0.004	0.0037	0 *
SB-39 (1.5-3.5)	SB-39 (1.5-3.5)	24I1005-01	9/16/24	1,2,4-Trichlorobenzene	mg/kg	0.0038	0.004	0.0037	0 *
SB-4 (0.5-2.5)	SB-4 (0.5-2.5)	24H2011-03	8/27/24	Trichloroethene	mg/kg	0.0034	0.003	0.0025	0 *
SB-40 (22-24)	SB-40 (22-24)	24I0889-02	9/13/24	Methyl Ethyl Ketone (2-Butanone)	mg/kg	0.0033	0.002	0.0024	J
SB-40 (22-24)	SB-40 (22-24)	24I0889-02	9/13/24	T-Butylbenzene	mg/kg	0.0028	0.002	0.0024	J
SB-42 (20-23)	SB-42 (20-23)	24I0046-01	8/30/24	1,2,4-Trimethylbenzene	mg/kg	0.0046	0.003	0.0026	0 *
SB-42 (20-23)	SB-42 (20-23)	24I0046-01	8/30/24	Sec-Butylbenzene	mg/kg	0.0039	0.003	0.0026	0 *
SB-44 (22-25)	SB-44 (22-25)	24I0889-01	9/13/24	m,p-Xylene	mg/kg	0.0072	0.005	0.0046	J
SB-44 (22-25)	SB-44 (22-25)	24I0889-01	9/13/24	Xylene (Total)	mg/kg	0.0088	0.007	0.0069	J
SB-45 (28-30)	SB-45 (28-30)	24H2129-02	8/29/24	Methylene chloride	mg/kg	0.0051	0.005	0.005	J
SB-45 (28-30)	SB-45 (28-30)	24H2129-02	8/29/24	Trichloroethene	mg/kg	0.0038	0.003	0.0025	J
SB-46 (20-23)	SB-46 (20-23)	24H2129-03	8/29/24	Methyl Ethyl Ketone (2-Butanone)	mg/kg	0.0032	0.002	0.0022	0 *
SB-47 (25-27)	SB-47 (25-27)	24H2129-01	8/29/24	Benzene	mg/kg	0.0023	0.002	0.002	0 *
SB-48 (28-31)	SB-48 (28-31)	24I0294-02	9/5/24	Sec-Butylbenzene	mg/kg	0.0045	0.003	0.0029	J
SB-5 (17.5-20)	SB-5 (17.5-20)	24H1788-05	8/26/24	Acetone	mg/kg	0.0078	0.008	0.004	0 *
SB-5 (17.5-20)	SB-5 (17.5-20)	24H1788-05	8/26/24	Isopropylbenzene (Cumene)	mg/kg	0.0023	0.004	0.002	J
SB-5 (17.5-20)	SB-5 (17.5-20)	24H1788-05	8/26/24	N-Propylbenzene	mg/kg	0.0022	0.004	0.002	J
SB-6 (21-23)	SB-6 (21-23)	24H2011-05	8/27/24	Chlorobenzene	mg/kg	0.0023	0.002	0.0021	0 *
SB-6 (21-23)	SB-6 (21-23)	24H2011-05	8/27/24	Ethylbenzene	mg/kg	0.0025	0.002	0.0021	0 *
SB-6 (21-23)	SB-6 (21-23)	24H2011-05	8/27/24	m,p-Xylene	mg/kg	0.0056	0.004	0.0041	0 *
SB-6 (21-23)	SB-6 (21-23)	24H2011-05	8/27/24	Xylene (Total)	mg/kg	0.0072	0.006	0.0062	0 *
SB-7 (15-18)	SB-7 (15-18)	24H2011-02	8/27/24	1,2-Dibromo-3-chloropropane	mg/kg	0.0039	0.002	0.0023	J
SB-7 (15-18)	SB-7 (15-18)	24H2011-02	8/27/24	Methyl Ethyl Ketone (2-Butanone)	mg/kg	0.0027	0.002	0.0023	J
SB-8 (25-28)	SB-8 (25-28)	24H2011-01	8/27/24	Ethylbenzene	mg/kg	0.0032	0.002	0.0023	0 *
				Methylcyclohexane	mg/kg	0.0028	0.002	0.0023	J

Table B-4. Summary of Detected Results That Were Less Than the Reporting Limit

Station	Field ID	Lab ID	Sample Date	Parameter	Unit	Result	RL	MDL	Flag
Method SW8270									
CS-1	CS-1	24I1005-05	9/16/24	Acenaphthylene	mg/kg	0.0604	0.043	0.0431	0 *
CS-1	CS-1	24I1005-05	9/16/24	Anthracene	mg/kg	0.0742	0.043	0.0431	J
CS-1	CS-1	24I1005-05	9/16/24	Benzo(a)pyrene	mg/kg	0.0707	0.043	0.0431	J
CS-2	CS-2	24I1005-07	9/16/24	Fluorene	mg/kg	0.0462	0.043	0.0426	J
CS-3	CS-3	24I1005-09	9/16/24	Acenaphthylene	mg/kg	0.0528	0.047	0.0466	0 *
CS-3	CS-3	24I1005-09	9/16/24	Carbazole	mg/kg	0.0484	0.047	0.0466	J
CS-4	CS-4	24I1005-11	9/16/24	Acenaphthene	mg/kg	0.0449	0.042	0.042	J
CS-4	CS-4	24I1005-11	9/16/24	Dibenz(a,h)anthracene	mg/kg	0.061	0.042	0.042	J
SB-11 (20-23)	SB-11 (20-23)	24I0746-12	9/11/24	Fluorene	mg/kg	0.11	0.088	0.0877	J
SB-11 (20-23)	SB-11 (20-23)	24I0746-12	9/11/24	Phenanthrene	mg/kg	0.15	0.088	0.0877	J
SB-12 (10-12)	SB-12 (10-12)	24I0791-04	9/12/24	Fluoranthene	mg/kg	0.07	0.052	0.0523	J
SB-12 (10-12)	SB-12 (10-12)	24I0791-04	9/12/24	Fluorene	mg/kg	0.065	0.052	0.0523	J
SB-12 (10-12)	SB-12 (10-12)	24I0791-04	9/12/24	Pyrene	mg/kg	0.0892	0.052	0.0523	J
SB-13 (2-4)	SB-13 (2-4)	24I0791-07	9/12/24	Acenaphthene	mg/kg	0.0804	0.048	0.0476	J
SB-13 (2-4)	SB-13 (2-4)	24I0791-07	9/12/24	Acenaphthylene	mg/kg	0.088	0.048	0.0476	J
SB-13 (2-4)	SB-13 (2-4)	24I0791-07	9/12/24	Fluorene	mg/kg	0.0903	0.048	0.0476	J
SB-14 (12-15)	SB-14 (12-15)	24H2011-07	8/28/24	Naphthalene	mg/kg	0.0642	0.045	0.0447	J
SB-15 (20-23)	SB-15 (20-23)	24I0791-05	9/12/24	Chrysene	mg/kg	0.0577	0.044	0.0441	J
SB-15 (20-23)	SB-15 (20-23)	24I0791-05	9/12/24	Fluoranthene	mg/kg	0.0443	0.044	0.0441	J
SB-15 (20-23)	SB-DUP-3	24I0791-06	9/12/24	Benz(a)anthracene	mg/kg	0.0497	0.045	0.0451	J
SB-15 (20-23)	SB-DUP-3	24I0791-06	9/12/24	Fluoranthene	mg/kg	0.0576	0.045	0.0451	J
SB-16 (21-24)	SB-16 (21-24)	24I0791-03	9/12/24	Fluorene	mg/kg	0.065	0.048	0.048	J
SB-18 (2-5)	SB-18 (2-5)	24I0746-07	9/10/24	Phenanthrene	mg/kg	0.0679	0.055	0.0553	J
SB-2 (0.5-4)	SB-DUP-1	24H1788-03	8/26/24	Benzo(g,h,i)perylene	mg/kg	0.0838	0.097	0.0486	J
SB-2 (0.5-4)	SB-DUP-1	24H1788-03	8/26/24	Benzo(k)fluoranthene	mg/kg	0.0605	0.097	0.0486	J
SB-2 (0.5-4)	SB-DUP-1	24H1788-03	8/26/24	Indeno(1,2,3-cd)pyrene	mg/kg	0.0946	0.097	0.0486	J
SB-20 (1-2.5)	SB-20 (1-2.5)	24I0294-05	9/5/24	Acenaphthylene	mg/kg	0.0564	0.046	0.046	J
SB-20 (1-2.5)	SB-20 (1-2.5)	24I0294-05	9/5/24	Anthracene	mg/kg	0.0748	0.046	0.046	J
SB-20 (1-2.5)	SB-20 (1-2.5)	24I0294-05	9/5/24	Dibenz(a,h)anthracene	mg/kg	0.0572	0.046	0.046	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Benz(a)anthracene	mg/kg	0.227	0.219	0.219	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Benzo(a)pyrene	mg/kg	0.391	0.219	0.219	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Benzo(b)fluoranthene	mg/kg	0.325	0.219	0.219	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Benzo(g,h,i)perylene	mg/kg	0.402	0.219	0.219	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Benzo(k)fluoranthene	mg/kg	0.22	0.219	0.219	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Chrysene	mg/kg	0.325	0.219	0.219	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Fluoranthene	mg/kg	0.259	0.219	0.219	J
SB-21 (1-2.5)	SB-21 (1-2.5)	24I0294-06	9/5/24	Indeno(1,2,3-cd)pyrene	mg/kg	0.308	0.219	0.219	J
SB-24 (23-25)	SB-24 (23-25)	24H2011-06	8/28/24	Acetophenone	mg/kg	0.0533	0.045	0.0445	J
SB-24 (23-25)	SB-24 (23-25)	24H2011-06	8/28/24	Pyrene	mg/kg	0.0739	0.045	0.0445	0 *
SB-25 (1-3)	SB-25 (1-3)	24I0046-02	8/30/24	2-Methylnaphthalene	mg/kg	0.061	0.05	0.0497	J
SB-25 (1-3)	SB-25 (1-3)	24I0046-02	8/30/24	Naphthalene	mg/kg	0.0689	0.05	0.0497	J
SB-29 (1-4)	SB-29 (1-4)	24I0221-07	9/4/24	Acenaphthene	mg/kg	0.0685	0.044	0.0443	J
SB-29 (1-4)	SB-29 (1-4)	24I0221-07	9/4/24	Acenaphthylene	mg/kg	0.0452	0.044	0.0443	J
SB-29 (1-4)	SB-29 (1-4)	24I0221-07	9/4/24	Fluorene	mg/kg	0.0812	0.044	0.0443	J
SB-30 (4-6)	SB-30 (4-6)	24I0221-01	9/3/24	Acenaphthylene	mg/kg	0.058	0.049	0.0492	J
SB-32 (10-12)	SB-32 (10-12)	24I0746-13	9/11/24	Fluoranthene	mg/kg	0.0741	0.046	0.046	J
SB-32 (10-12)	SB-32 (10-12)	24I0746-13	9/11/24	Pyrene	mg/kg	0.055	0.046	0.046	J
SB-35 (1-4)	SB-35 (1-4)	24I0791-01	9/12/24	Anthracene	mg/kg	0.0783	0.044	0.0438	J
SB-36 (3-5)	SB-36 (3-5)	24I0791-08	9/12/24	Benz(a)anthracene	mg/kg	0.083	0.046	0.0457	J
SB-36 (3-5)	SB-36 (3-5)	24I0791-08	9/12/24	Benzo(a)pyrene	mg/kg	0.0706	0.046	0.0457	J
SB-36 (3-5)	SB-36 (3-5)	24I0791-08	9/12/24	Benzo(b)fluoranthene	mg/kg	0.0553	0.046	0.0457	J
SB-36 (3-5)	SB-36 (3-5)	24I0791-08	9/12/24	Benzo(k)fluoranthene	mg/kg	0.0583	0.046	0.0457	J
SB-36 (3-5)	SB-36 (3-5)	24I0791-08	9/12/24	Chrysene	mg/kg	0.0772	0.046	0.0457	J
SB-38 (3-5)	SB-38 (3-5)	24I1005-03	9/16/24	Anthracene	mg/kg	0.0778	0.05	0.0503	J

Table B-4. Summary of Detected Results That Were Less Than the Reporting Limit

Station	Field ID	Lab ID	Sample Date	Parameter	Unit	Result	RL	MDL	Flag
SB-39 (1.5-3.5)	SB-39 (1.5-3.5)	24I1005-01	9/16/24	Anthracene	mg/kg	0.0818	0.058	0.0576	J
SB-39 (1.5-3.5)	SB-39 (1.5-3.5)	24I1005-01	9/16/24	Benzo(g,h,i)perylene	mg/kg	0.105	0.058	0.0576	J
SB-39 (1.5-3.5)	SB-39 (1.5-3.5)	24I1005-01	9/16/24	Indeno(1,2,3-cd)pyrene	mg/kg	0.108	0.058	0.0576	J
SB-4 (0.5-2.5)	SB-4 (0.5-2.5)	24H2011-03	8/27/24	Dibenz(a,h)anthracene	mg/kg	0.057	0.053	0.0533	J
SB-41 (5-9)	SB-41 (5-9)	24I0889-03	9/13/24	2-Methylnaphthalene	mg/kg	0.088	0.048	0.0484	J
SB-41 (5-9)	SB-41 (5-9)	24I0889-03	9/13/24	Dibenz(a,h)anthracene	mg/kg	0.0772	0.048	0.0484	J
SB-43 (13-15)	SB-43 (13-15)	24I0889-04	9/13/24	2-Methylnaphthalene	mg/kg	0.0483	0.048	0.0481	J
SB-5 (17.5-20)	SB-5 (17.5-20)	24H1788-05	8/26/24	Anthracene	mg/kg	0.072	0.088	0.0439	J
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Acenaphthylene	mg/kg	0.0686	0.045	0.0453	J
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Anthracene	mg/kg	0.0455	0.045	0.0453	J
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Benz(a)anthracene	mg/kg	0.0816	0.045	0.0453	J
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Benzo(a)pyrene	mg/kg	0.0895	0.045	0.0453	J
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Benzo(b)fluoranthene	mg/kg	0.0758	0.045	0.0453	J
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Benzo(k)fluoranthene	mg/kg	0.0693	0.045	0.0453	J
SB-51 (2-4)	SB-51 (2-4)	24I0294-03	9/5/24	Chrysene	mg/kg	0.0859	0.045	0.0453	J
SB-61 (2-5)	SB-61 (2-5)	24I0221-05	9/4/24	Naphthalene	mg/kg	0.0589	0.047	0.0473	J
SB-62 (2-5)	SB-62 (2-5)	24I0746-01	9/9/24	bis(2-Ethylhexyl)phthalate	mg/kg	0.0535	0.046	0.046	J
SB-7 (15-18)	SB-7 (15-18)	24H2011-02	8/27/24	Carbazole	mg/kg	0.0849	0.044	0.0444	J
SB-7 (15-18)	SB-7 (15-18)	24H2011-02	8/27/24	Fluoranthene	mg/kg	0.0531	0.044	0.0444	J
SB-8 (25-28)	SB-8 (25-28)	24H2011-01	8/27/24	Benzo(g,h,i)perylene	mg/kg	0.0655	0.047	0.0472	J
SB-8 (25-28)	SB-8 (25-28)	24H2011-01	8/27/24	Indeno(1,2,3-cd)pyrene	mg/kg	0.0715	0.047	0.0472	J

***Notes:** Result was already qualified for another QC exceedance.

Table B-5. Calibration Exceedances

SDG	Calibration ID	Analysis Date	Parameter	RSD%	RSD Limit	# of Flags
Method SW8260						
24H2011, 24H2129	SH40046	8/19/24	Tert-Butyl alcohol	79.6	0.99	0 (1)
24I0791, 24I0889, 24I1005	SI40032	9/22/24	Methylene chloride	66.5	20	11 J
SI40889	SI40033	9/20/24	Bromomethane	141	20	0 (1)
			Chloroethane	39.3	20	0 (1)
Method SW8270						
4H2011, 24H2129, 24I0046, 24I02	SH40029	8/2/24	Benzo(k)fluoroanthene	21.6	20	0 (1)
			Pentachlorophenol	40	20	0 (1)
24I0046, 24I0221, 24I0294, 24I07	SF40034	6/25/24	2,4-Dinitrophenol	32	20	0 (1)
			2,4-Dinitrotoluene	21.7	20	0 (1)
			4,6-Dinitro-2-methylphenol	36.5	20	0 (1)
			Benzoic Acid	22.7	20	0 (1)
24H2011	SG40032	7/12/24	2,4-Dinitrotoluene	30.1	20	0 (1)
			4,6-Dinitro-2-methylphenol	20.9	20	0 (1)
24H2011, 24H2129, 24I0046, 24I0294, 24I0746	SG40034	7/17/24	2,4-Dinitrophenol	49.6	20	0 (1)
			2,4-Dinitrotoluene	20.4	20	0 (1)
			4,6-Dinitro-2-methylphenol	34	20	0 (1)
			Benzoic Acid	30.1	20	0 (1)
			Pentachlorophenol	28.7	20	0 (1)
24H2129	SG40046	7/26/24	2,4-Dinitrotoluene	29.1	20	0 (1)
			4,6-Dinitro-2-methylphenol	26.7	20	0 (1)
24I0046, 24I0046, 24I0221	SH40058	8/20/24	2,4-Dinitrophenol	20.7	20	0 (1)
			Caprolactam	39.2	20	0 (1)
24I0221	SD40052	4/25/24	2,4-Dinitrophenol	26.7	20	0 (1)
			4,6-Dinitro-2-methylphenol	30.7	20	0 (1)
			4-Nitrophenol	87.8	20	0 (1)
			Benzoic Acid	28.2	20	0 (1)
24I0294, 24I0746	SG40005	6/27/24	2,4-Dinitrophenol	34.9	20	0 (1)
			4,6-Dinitro-2-methylphenol	35.5	20	0 (1)
			4-Nitrophenol	40.4	20	0 (1)
			Benzoic Acid	23.5	20	0 (1)
24I0746, 24I1005	SI40026	9/17/24	4,6-Dinitro-2-methylphenol	27.2	20	0 (1)
			Benzidine	26.1	20	0 (1)
			Benzoic Acid	36.7	20	0 (1)
			Pentachlorophenol	26.5	20	0 (1)
24I0791, 24I0889, 24I1005	SI40014	9/10/24	2,4-Dinitrophenol	46.5	20	0 (1)
			4,6-Dinitro-2-methylphenol	39.9	20	0 (1)
24I0791	SI40045	9/27/24	2,4-Dinitrophenol	27.1	20	0 (1)
			4,6-Dinitro-2-methylphenol	28.8	20	0 (1)
			Benzidine	20.6	20	0 (1)
			Benzoic Acid	24.1	20	0 (1)
			Pyridine	24	20	0 (1)
24I1005	SG40005	6/24/24	2,4-Dinitrophenol	34.9	20	0 (1)
			4,6-Dinitro-2-methylphenol	35.5	20	0 (1)
			4-Nitrophenol	40.4	20	0 (1)
			Benzoic Acid	23.5	20	0 (1)
			Pentachlorophenol	24.7	20	0 (1)

1) Associated results were reported as non-detected.

Table B-6. Initial Calibration Verification Exceedances (Organic)

SDG	Calibration ID	Analysis Date	Parameter	Diff%	Diff% QC Limit	# of Flags
Method 8260						
24H1788, 24H2011,24H2129, 24I0046, 24I0221, 24I0294	S4H2822-SCV1	8/2/24	Acetone	133	30	0*
			Acrolein	75.3	30	0*
24H2011, 24H2129, 24I0046, 24I0294	S4H3011-SCV1	8/28/24	Acetone	95.6	30	0*
			Acrolein	74.9	30	0*
			Tetrachloroethylene	44	30	0*
24H2129, 24I0046, 24I0221	S4H1651-SCV1	9/3/24	Acetone	89.9	30	0*
			Acrolein	53.8	30	0*
24I0221	S4I0416-SCV1	9/3/24	Acetone	135	30	0*
			Acrolein	86	30	0*
24I0746	S4I1713-SCV1	9/20/24	Acetone	94.6	30	0*
			Acrolein	52.5	30	0*
24I0746	S4I2046-SCV1	9/18/24	Acetone	150	30	0*
			Acrolein	67.4	30	0*
			Dichlorodifluoromethane	30.4	30	0*
24I0791, 24I0889, 24I1005	S412347-SCV1	9/22/24	1,4-Dioxane	82.5	30	0*
			Acetone	95.4	30	0*
			Acrolein	94.8	30	0*
24I0791, S4I0889	S412431-SCV1	9/23/24	1,4-Dioxane	47.6	30	0*
			2-Hexanone	34.5	30	0*
			Acetone	61.6	30	0*
			Acrolein	65.6	30	0*
			Methyl acetate	34.5	30	0*
			Tetrachloroethylene	49.7	30	0*
S4I0889	S412316-SCV1	9/20/24	Bromomethane	53.3	30	0*
S4I0889	S412420-SCV1	9/23/24	1,2,4-Trimethylbenzene	33.3	30	0*
			1,4-Dioxane	65.3	30	0*
			Acetone	95.8	30	0*
			Acrolein	91.2	30	0*
			n-Butylbenzene	55.1	30	0*
S4I1005	SI12318-SCV1	9/22/23	1,4-Dioxane	82.7	30	0*
			Acetone	139	30	0*
			Acrolein	388	30	0*
			Bromomethane	44.8	30	0*
			Tetrachloroethylene	52.4	30	0*
Method SW8270						
24H1788, 24H2011, 24H2129, 24I0221, 24I0294	S4H1344-SCV1	8/2/24	Hexachlorobenzene	86	30	0*
			Nitrobenzene	49	30	0*
			Pentachlorophenol	46	30	0*
24H1788, 24H2011,24H2129, 24I0046, 24I0221, 24I0294, 24I0746, 24I0791, 24I0889,	S4F2609-SCV1	6/25/24	2,4-Dimethylphenol	35.7	30	0*
			Aniline	31.9	30	0*
			Hexchlorocyclopentadiene	61.1	30	0*
24H2129,24I0046	S4G1809-SCV1	7/17/24	2,4-Dimethylphenol	32.5	30	0*
			2,4-Dinitrophenol	57.7	30	0*
			4,6-Dinitro-2-methylphenol	38.1	30	0*
			Hexachlorocyclopentadiene	50.4	30	0*
24H2129, 24I0046, 24I0746	S4G1809-SCV2	7/17/24	Benzidine	42.8	30	0*

Table B-6. Initial Calibration Verification Exceedances (Organic)

SDG	Calibration ID	Analysis Date	Parameter	Diff%	Diff% QC Limit	# of Flags
24H2129	S4G2906-SCV1	7/26/24	2,4-Dimethylphenol	34.5	30	0 *
			2,4-Dinitrophenol	50.3	30	0 *
			3-Nitroaniline	38.5	30	0 *
			4,6-Dinitro-2-methylphenol	40.7	30	0 *
			3,3-Dichlorobenzidine	40.8	30	0 *
			Benzidine	91.6	30	0 *
			Hexchlorocyclopentadiene	0	30	0 *
24I0046, 24I0221	S4H2615-SCV1	8/20/24	2,4-Dinitrophenol	34.1	30	0 *
			Hexchlorocyclopentadiene	56.2	30	0 *
24I0221	S4D2935-SCV1	9/10/24	2,4-Dimethylphenol	33.3	30	0 *
			4,6-Dinitro-2-methylphenol	50.9	30	0 *
			4-Nitrophenol	98.3	30	0 *
			Hexachlorocyclopentadiene	46.3	30	0 *
24I0746	S4I1839-SCV2	9/17/24	1,2,4,5-Tetrachlorobenzene	44.6	30	0 *
			3,3-Dichlorobenzidine	48.3	30	0 *
			Acetophenone	36.6	30	0 *
			Atrazine	43.3	30	0 *
			Benzaldehyde	40.4	30	0 *
			Benzidine	35.7	30	0 *
			Caprolactam	34.5	30	0 *
24I0746, 24I00889, 24I1005	S4I1315-SCV1	9/19/2024	Bis(2-ethylhexyl)phthalate	52	30	0 *
			Hexachlorobenzene	70	30	0 *
			Hexachlorobutadiene	56.4	30	0 *
			Hexachloroethane	55.6	30	0 *
			Nitrobenzene	78.8	30	0 *
			N-Nitrosodimethylamine	60	30	0 *
			Pentachlorophenol	36.7	30	0 *
24I0791, 24I0889, 24I1005	S4I1208-SCV1	9/10/2024	1,2-Diphenylhydrazine	34.1	30	0 *
			2,4-Dimethylphenol	34.7	30	0 *
			2,4-Dinitrophenol	65	30	0 *
			2,6-Dinitrotoluene	31.1	30	0 *
			4,6-Dinitro-2-methylphenol	50.4	30	0 *
			4-Nitroaniline	63.4	30	0 *
			Hexachlorocyclopentadiene	51.4	30	0 *
			Indeno(1,2,3-cd) pyrene	47.3	30	0 *
24I0791	S4I2726-SCV1	9/27/2024	2,4-Dimethylphenol	38.1	30	0 *
			Hexachlorocyclopentadiene	52.7	30	0 *
			Pyridine	33.8	30	0 *
24I1005	S4G0127-SCV1	6/27/24	2,4-Dimethylphenol	50.3	30	0 *
			Hexachlorocyclopentadiene	56.4	30	0 *
			Benzoic Acid	36.4	30	0 *

***Notes:** Proceeding CCV % Difference within control limits or associated results were qualified for CCV% Diff. No action taken.

Table B-7a. Continuing Calibration Verification Exceedances (Organics)

SDG	Calibration ID	Analysis Date	Parameter	% Diff	%Diff QC Limit	RRF	Min RRF	# of Flags
Method SW8082								
24I0791	S4I1939-CCV2	9/19/24	Arochlor 1260	25.8	20			5 UJ
Method SW8260								
24H1788	S4H2924-CCV1	8/29/24	1,1,1,2-Tetrachloroethane	24.4	20			5 UJ
			1,1,2-Trichloro-1,2,2-trifluoroethane	21.4	20			5 UJ
24H2011	S4I0312-CCV1	8/31/24	Tetrachloroethylene	32.8	20			1 UJ
24H2129	S4I0428-CCV1	8/28/24	Acetone	29.1	20			1 UJ
			Bromomethane	77.5	20			1 UJ
			Chloromethane	29.4	20			1 UJ
			Tetrachloroethylene	33.4	20			1 UJ
24H2129	S4I0425-CCV1	9/3/24	2-Butanone	63.5	20			1 J; 1 UJ
			Acrolein	26	20			1 J; 1 UJ
24H2129, 24I0046	S4I0439-CCV1	9/4/24	Bromomethane	38	20			3 UJ
			Chloroethane	38.2	20			3 UJ
			Trichlorofluoromethane	32.8	20			3 UJ
			Vinyl chloride	23.4	20			3 UJ
24I0046	S4I0528-CCV1	9/5/24	1,1,2-Trichloro-1,2,2-trifluoroethane	20.7	20			1 UJ
			1,2,3-Trichlorobenzene	21.8	20			1 UJ
			1,2,4-Trichlorobenzene	24.3	20			1 UJ
			Acetone	24.7	20			1 UJ
			Bromomethane	47.1	20			1 UJ
			Carbon disulfide	25.7	20			1 UJ
			Chloromethane	23.2	20			1 UJ
			Hexachlorobutadiene	24.1	20			1 UJ
24I0221	S4I1119-CCV1	9/10/24	1,1,1,2-Tetrachloroethane	28	20			4 UJ
			1,1,2-Trichloro-1,2,2-trifluoroethane	34.8	20			4 UJ
			1,1-Dichloroethylene	39.4	20			4 UJ
			Acrolein	25.3	20			4 UJ
			Bromoform	29.7	20			4 UJ
			Bromomethane	97.6	20			4 UJ
			Chloroethane	90	20			4 UJ
			Dibromochloromethane	21	20			4 UJ
			Dichlorodifluoromethane	35.4	20			4 UJ
			tert-Butyl alcohol	26.9	20			4 UJ
			Tetrachloroethylene	25.8	20			4 UJ
			Trichlorofluoromethane	90.5	20			4 UJ
			Vinyl chloride	56.5	20			4 UJ
24I0221	S4I1156-CCV1	9/11/24	Dichlorodifluoromethane	30.5	20			1 UJ
24I0221	S4I1116-CCV1	9/10/24	2-Hexanone	21.8	20			1 UJ
			Acetone	40.1	20			1 UJ
			Dichlorodifluoromethane	38.3	20			1 UJ
			ter-Butyl alcohol	24.9	20			1 UJ
			Tetrachloroethylene	46.7	20			1 UJ
24I0294	S4I1121-CCV1	9/10/24	1,1,1,2-Tetrachloroethane	21.3	20			4 UJ
			Bromoform	22.5	20			4 UJ
			Bromomethane	97.2	20			4 UJ
			Chloroethane	87.7	20			4 UJ
			Dichlorodifluoromethane	34.2	20			4 UJ
			Methylene chloride	88.2	20			4 UJ
			tert-Butyl alcohol	31.7	20			4 UJ
			Trichlorofluoromethane	83.1	20			4 UJ
			Vinyl chloride	49.9	20			4 UJ

Table B-7a. Continuing Calibration Verification Exceedances (Organics)

SDG	Calibration ID	Analysis Date	Parameter	% Diff	%Diff QC Limit	RRF	Min RRF	# of Flags
24I0294	S4I1258-CCV1	9/11/24	Acetone	26.2	20			1 UJ
			Chloromethane	24.8	20			1 UJ
			Dichlorodifluoromethane	45.9	20			1 UJ
			Tetrachloroethylene	40.1	20			1 UJ
			Trichloroethylene	208	20			1 UJ
24I0746	S4I2044-CCV1	9/20/24	Acrolein	38.2	20			1 UJ
			Bromomethane	59.7	20			1 UJ
			Chloromethane	39.5	20			1 UJ
			Dichlorodifluoromethane	26.1	20			1 UJ
24I0746	S4I2034-CCV1	9/20/24	Bromomethane	24.4	20			1 UJ
			Chloroethane	36.9	20			1 UJ
24I0746	S4I2045-CCV1	9/20/24	1,2-Dibromoethane	23.2	20			1 UJ
			1,4-Dioxane	31.3	20			1 UJ
			2-Butanone	30.8	20			1 UJ
			4-Methyl-2-pentanone	22.2	20			1 UJ
			Acrolein	44.8	20			1 UJ
			Bromochloromethane	20.9	20			1 UJ
			Bromoform	26.5	20			1 UJ
			Dibromochloromethane	22.9	20			1 UJ
			Dichlorodifluoromethane	75.7	20			1 UJ
			Methyl tert-butyl ether	24.7	20			1 UJ
			Methylene chloride	33.4	20			1 J
24I0791	S412308-CCV1	9/22/24	Methylene chloride	25.1	20			0 (1)
			Tetrachloroethylene	22.8	20			6 UJ
24I0791	S412346-CCV1	9/23/24	Dichlorodifluoromethane	22.3	20			1 UJ
			2-Hexanone			0.097	0.1	1 UJ
			Chloromethane	22.8	20			1 UJ
			Dichlorodifluoromethane	46.3	20			1 UJ
24I0791, 24I0889	S412515-CCV1	9/24/24	Acrolein	85.6	20			2 UJ
			Bromomethane	55.4	20			2 UJ
			Chloromethane	32.2	20			2 UJ
			Dichlorodifluoromethane	55.3	20			2 UJ
			Vinyl chloride	21	20			2 UJ
24I0889	24I2442-CCV1	9/24/24	Dichlorodifluoromethane	33.3	20			3 UJ
24I0889	24I2550-CCV1	9/25/24	1,2-Dibromo-3-chloropropane	21.6	20			1 UJ
			4-Methyl-2-pentanone	24.2	20			1 UJ
			Acrylonitrile	20.1	20			0 (2)
			Bromochloromethane	20.9	20			1 UJ
			Chloromethane	21.4	20			1 UJ
			Dichlorodifluoromethane	63.7	20			1 UJ
24I1005	24I2440-CCV1	9/24/24	2-Hexanone			0.0968	0.096	0 (2)
			Chloromethane	22.8	20			3 UJ
			Dichlorodifluoromethane	46.3				3 UJ
24I1005	24I2530-CCV1	9/24/24	Dichlorodifluoromethane	57.7	20			3 UJ
			Tetrachloroethylene	35.9	20			3 UJ
24I1005	24I2608-CCV1	9/25/24	1,2-Dibromo-3-chloropropane	26.8	20			1 UJ
			4-Methyl-2-pentanone	25.3	20			1 UJ
			Chloromethane	32.9	20			1 UJ
			Dichlorodifluoromethane	66.3	20			1 UJ
			Methylene chloride	38.4	20			1 UJ
			Tetrachloroethylene	31.6	20			1 UJ
			Vinyl chloride	25.1	20			1 UJ

Table B-7a. Continuing Calibration Verification Exceedances (Organics)

SDG	Calibration ID	Analysis Date	Parameter	% Diff	%Diff QC Limit	RRF	Min RRF	# of Flags
24I1005	24I2533-CCV1	9/25/24	1,2,3-Trichlorobenzene	20.7	20			1 UJ
			1,4-Dioxane	46.9	20			1 UJ
			Acrolein	27.9	20			1 UJ
			Dichlorodifluoromethane	28.5	20			1 UJ
			Tetrachloroethylene	44.9	20			1 UJ
Method SW8270								
24H1788	S4H3004-CCV1	8/29/24	Pentachlorophenol	118	30			1 UJ
24H1788	S4H2934-CCV1	8/29/24	2,3,4,6-Tetrachlorophenol	21.8	20			1 UJ
			2,4-Dinitrophenol	83.4	20			1 UJ
			2,4-Dinitrotoluene	25.6	20			1 UJ
			4,6-Dinitro-2-methylphenol	91.8	20			1 UJ
			4-Nitrophenol	95.7	20			1 UJ
			Aniline	49.1	20			1 UJ
			Benyl butyl phthalate	30.8	20			1 UJ
			Bis(2-chloroethyl)ether	112	20			1 UJ
			Di-n-octyl phthalate	25.4	20			1 UJ
24H2011	S4I0533-CCV1	9/7/24	2,4-Dinitrophenol	111	20			1 UJ
			2,4-Dinitrotoluene	36.1	20			1 UJ
			2,6-Dinitrotoluene	23.3	20			1 UJ
			4,6-Dinitro-2-methylphenol	114	20			1 UJ
			4-Nitrophenol	96	20			1 UJ
			Aniline	58.9	20			1 UJ
			Benzidine	20.2	20			1 UJ
			Benzoic Acid	29.6	20			0 (1)
			Benzyl butyl phthalate	29.6	20			1 UJ
			Bis(2-chloroethyl)ether	22.2	20			1 UJ
			Di-n-octyl phthalate	126	20			1 UJ
24H2011	S4I0453-CCV1	9/4/24	2,4-Dinitrophenol	38.9	20			7 UJ
			2,4-Dinitrotoluene	27.5	20			7 UJ
			2,6-Dinitrotoluene	26	20			7 UJ
			4,6-Dinitro-2-methylphenol	31.7	20			7 UJ
			Benzidine	33.8	20			7 UJ
			Benzoic Acid	20.5	20			7 UJ
			Benzyl butyl phthalate	39.1	20			7 UJ
			Bis(2-ethylhexyl)phthalate	33.3	20			7 UJ
			Di-n-octyl phthalate	39.4	20			7 UJ
			Hexachlorobenzene	23.1	20			7 UJ
			Hexachlorocyclopentadiene	34	20			7 UJ
			Pentachloronitrobenzene	43.8	20			7 UJ
			Pyrene	24.6	20			3 J; 4 UJ
24H2129	S4I0529-CCV1	9/5/24	2,4-Dinitrophenol	55.4	20			3 UJ
			2,4-Dinitrotoluene	32.1	20			3 UJ
			2,6-Dinitrotoluene	26.9	20			3 UJ
			4,6-Dinitro-2-methylphenol	33.4	20			3 UJ
			Benzoic Acid	23	20			3 UJ
			Benzyl butyl phthalate	31	20			3 UJ
			Bis(2-ethylhexyl)phthalate	27.8	20			3 UJ
			Di-n-octyl phthalate	33.8	20			3 UJ
			Hexachlorocyclopentadiene	50.3	20			3 UJ
			Pentachloronitrobenzene	42.7	20			3 UJ

Table B-7a. Continuing Calibration Verification Exceedances (Organics)

SDG	Calibration ID	Analysis Date	Parameter	% Diff	%Diff QC Limit	RRF	Min RRF	# of Flags
24H2129	S4I0615-CCV1	9/6/24	2,4-Dinitrophenol	74.9	20			1 UJ
			2,4-Dinitrotoluene	47.7	20			1 UJ
			2,6-Dinitrotoluene	36	20			1 UJ
			2-Nitroaniline	24.1	20			1 UJ
			3,3-Dichlorobenzidine	48.6	20			1 UJ
			3-Nitroaniline	45.3	20			1 UJ
			4,6-Dinitro-2-methylphenol	68.1	20			1 UJ
			4-Bromophenyl phenyl ether	24.2	20			1 UJ
			4-Chloroaniline	31.8	20			1 UJ
			4-Chlorophenyl phenyl ether	32.2	20			1 UJ
			4-Nitroaniline	21.7	20			1 UJ
			Benzidine	101	20			1 UJ
			Caprolactam	24.3	20			1 UJ
			Diethyl phthalate	20.6	20			1 UJ
			Di-n-octyl phthalate	43.6	20			1 UJ
24H2129; 24I0046	S4I0614-CCV1	9/6/24	Pentachlorophenol	68.4	30			2 UJ
24I0046	S4I0517-CCV1	9/5/24	1,2-Diphenylhydrazine	31.8	20			3 UJ
			4,6-Dinitro-2-methylphenol	56.6	20			3 UJ
			Benzyl butyl phthalate	28.5	20			3 UJ
			Bis(2-chloroisopropyl)ether	42.2	20			3 UJ
			Bis(2-ethylhexyl)phthalate	31.6	20			3 UJ
			Dibenzo(a,h)anthracene	26.1	20			3 UJ
			Di-n-octyl phthalate	28	20			3 UJ
			Hexachlorocyclopentadiene	30.2	20			3 UJ
			Isophorone	20.1	20			3 UJ
			N-Nitrosodimethylamine	31	20			3 UJ
			Pentachlorophenol	33.7	20			3 UJ
			Pyridine	24.2	20			3 UJ
24I0046	S4I0612-CCV1	9/6/24	2,4-Dinitrophenol	103	20			1 UJ
			2,4-Dinitrotoluene	34.4	20			1 UJ
			2,6-Dinitrotoluene	21.2	20			1 UJ
			4,6-Dinitro-2-methylphenol	108	20			1 UJ
			Benzidine	25.1	20			1 UJ
			Benzoic Acid	24.8	20			0 (1)
			Benzyl butyl phthalate	24.7	20			1 UJ
			Bis(2-chloroethyl)ether	21.2	20			1 UJ
24I0221	S4I1101-CCV1	9/10/24	1,2-Diphenylhydrazine	551	20			0 (1)
			2,4-Dinitrophenol	65	20			0 (1)
			4,6-Dinitro-2-methylphenol	38.7	20			0 (1)
			4-Nitrophenol	95.3	20			0 (1)
			Aniline	62	20			0 (1)
			Benzoic Acid	67.4	20			0 (1)
			Benzyl butyl phthalate	29.8	20			0 (1)
			Bis(2-chloroethyl)ether	115	20			0 (1)
			Bis(2-chloroisopropyl)ether	30.4	20			0 (1)
			Isophorone	24.3	20			0 (1)
			N-nitroso-di-n-propylamine	30.4	20			0 (1)
24I0221	S4I1136-CCV1	9/11/24	1,2-Diphenylhydrazine	28.4	20			5 UJ
			4,6-Dinitro-2-methylphenol	43.7	20			5 UJ
			Aniline	27.1	20			5 UJ
			Benzoic Acid	35.8	20			5 UJ
24I0221	S4I1136-CCV1	9/11/24	Benzyl butyl phthalate	30.7	20			5 UJ
			Bis(2-chloroethyl)ether	21.9	20			5 UJ

Table B-7a. Continuing Calibration Verification Exceedances (Organics)

SDG	Calibration ID	Analysis Date	Parameter	% Diff	%Diff QC Limit	RRF	Min RRF	# of Flags
24I0221	S4I1136-CCV1	9/11/24	Bis(2-chloroisopropyl)ether	26.9	20			5 UJ
			Bis(2-ethylhexyl)phthalate	34.7	20			5 UJ
			Dibenzo(a,h)anthracene	31.8	20			5 UJ
			Di-n-octyl phthalate	32.4	20			5 UJ
			Hexachlorobenzene			0.09	0.1	5 UJ
			Hexachlorocyclopentadiene	26.1	20			5 UJ
			N-Nitrosodimethylamine	31.1	20			5 UJ
			Phenol	22.8	20			5 UJ
			Pyridine	22.8	20			5 UJ
24I0294	S4I1217-CCV1	9/12/24	2,4-Dinitrophenol	123	20			1 UJ
			2,4-Dinitrotoluene	36.6	20			1 UJ
			2,6-Dinitrotoluene	25.5	20			1 UJ
			4,6-Dinitro-2-methylphenol	114	20			1 UJ
			4-Nitrophenol	95.2	20			1 UJ
			Aniline	53.5	20			1 UJ
			Benzoic Acid	31.8	20			1 UJ
			Benzyl butyl phthalate	21	20			1 UJ
			Bis(2-chloroethyl)ether	118	20			1 UJ
24I0294	S4I1627-CCV1	9/12/24	4,6-Dinitro-2-methylphenol	35.3	20			6 UJ
			Acenaphthylene	21.7	20			6 UJ
			Benzoic Acid	57.5	20			4 UJ
			Bis(2-chloroethoxy)methane	23.5	20			6 UJ
			Bis(2-chloroisopropyl)ether	32.7	20			6 UJ
			Bis(2-ethylhexyl)phthalate	25.4	20			6 UJ
			Hexachlorocyclopentadiene	47.3	20			6 UJ
			N-Nitrosodimethylamine	33.1	20			4 UJ
			Pyridine	29.7	20			4 UJ
24I0294	S4I1306-CCV1	9/12/24	Pentachlorophenol	31.5	20			1 UJ
			Pyrene	31.4	20			1 UJ
24I0746	S4I1708-CCV1	9/16/24	2,4-Dinitrophenol	124	20			1 UJ
			2,4-Dinitrotoluene	37.8	20			1 UJ
			2,6-Dinitrotoluene	25.7	20			1 UJ
			4,6-Dinitro-2-methylphenol	117	20			1 UJ
			4-Nitrophenol	95.3	20			1 UJ
			Aniline	61.2	20			1 UJ
			Benzoic acid	38	20			1 UJ
			Benzyl butyl phthalate	21.4	20			1 UJ
			Bis(2-chloroethyl)ether	129	20			1 UJ
24I0746	S4I2004-CCV1	9/19/24	2,4-Dinitrotoluene	20.6	20			12 UJ
			4,6-Dinitro-2-methylphenol	32.6	20			12 UJ
			4-Nitroaniline	21.5	20			12 UJ
			4-Nitrophenol	27	20			12 UJ
			Bis(2-chloroisopropyl)ether	21.3	20			12 UJ
			Pentachlorophenol	26.6	20			12 UJ
			Pyridine	23.4	20			7 UJ
24I0746	S4I2024-CCV1	9/20/24	2,4-Dinitrophenol	41	20			1 UJ
			2,4-Dinitrotoluene	30.2	20			1 UJ
			2,6-Dinitrotoluene	29.5	20			1 UJ
			4,6-Dinitro-2-methylphenol	26.2	20			1 UJ
			Hexachlorobenzene	21.8	20			1 UJ
			Hexachlorocyclopentadiene	68.9	20			1 UJ
			Indeno(1,2,3-cd)pyrene	28.4	20			1 J
24I0791, 24I0889	S4I2304-CCV1	9/20/24	2,3,4,6-Tetrachlorophenol	25.3	20			2 UJ
			2,4-Dinitrophenol	35.7	20			2 UJ
			2,4-Dinitrotoluene	31.9	20			2 UJ
			2,6-Dinitrotoluene	21.9	20			2 UJ

Table B-7a. Continuing Calibration Verification Exceedances (Organics)

SDG	Calibration ID	Analysis Date	Parameter	% Diff	%Diff QC Limit	RRF	Min RRF	# of Flags
24I0791, 24I0889	S4I2304-CCV1	9/20/24	2-Methylphenol	46.4	20			2 UJ
			3 & 4-Methylphenols	42.5	20			2 UJ
			4,6-Dinitro-2-methylphenol	87.6	20			2 UJ
			Aniline	62.9	20			2 UJ
			Bis(2-chloroethyl)ether	131	20			2 UJ
			Phenol	91.2	20	0.18	0.8	2 UJ
			Pyridine	23.3	20			2 UJ
24I0791	S4I2322-CCV1	9/20/24	2,4-Dinitrophenol	81.3	20			3 UJ
			4,6-Dinitro-2-methylphenol	29.3	20			3 UJ
			4-Bromophenyl phenyl ether	22.5	20			3 UJ
			4-Nitrophenol	25	20			3 UJ
			Benzoic acid	42.1	20			3 UJ
			Di-n-octyl phthalate	25.5	20			3 UJ
			Hexachlorocyclopentadiene	21.7	20			3 UJ
24I0791	S4I2331-CCV1	9/20/24	4,6-Dinitro-2-methylphenol	20.7	20			5 UJ
24I0889	S4I2419-CCV1	9/24/24	1,2-Diphenylhydrazine	24.8	20			4 UJ
			2,4-Dinitrophenol	78.7	20			4 UJ
			4,6-Dinitro-2-methylphenol	24.3	20			4 UJ
			4-Bromophenyl phenyl ether	27	20			4 UJ
			Atrazine	21.5	20			4 UJ
			Di-n-octyl phthalate	20.3	20			0 (2)
			Diphenylamine	26.3	20			4 UJ
			N-Nitrosodimethylamine	25.9	20			4 UJ
24I1005	S4I2333-CCV1	9/23/24	4,6-Dinitro-2-methylphenol	34.4	20			1 UJ
			4-Nitroaniline	20.7	20			1 UJ
			Pentachlorophenol	23	20			1 UJ
			Pyridine	22.9	20			1 UJ
24I1005	S4I2335-CCV1	9/23/24	2,3,4,6-Tetrachlorophenol	20.6	20			1 UJ
			2,4-Dinitrophenol	28.6	20			1 UJ
			2,4-Dinitrotoluene	31.7	20			1 UJ
			2,6-Dinitrotoluene	21.5	20			1 UJ
			2-Methylphenol	43.8	20			1 UJ
			3 & 4-Methylphenols	39.2	20			0 (1)
			4,6-Dinitro-2-methylphenol	91.6	20			1 UJ
			4-Nitrophenol	94.5	20			1 UJ
			Aniline	69.1	20			1 UJ
			Benzoic Acid	21.3	20			0 (1)
			Bis(2-chloroethyl)ether	141	20			1 UJ
24I1005	S4I2339-CCV1	9/23/24	2,4-Dinitrophenol	21.9	20			6 UJ
			4,6-Dinitro-2-methylphenol	52.5	20			6 UJ
			Acenaphthene	20.1	20			6 UJ
			Acenaphthylene	23.7	20			2 J; 4 UJ
			Benzoic Acid	53.1	20			6 UJ
			Bis(2-chloroethoxy)methane	21.2	20			6 UJ
			Bis(2-chloroisopropyl)ether	31.9	20			6 UJ
			Bis(2-ethylhexyl)phthalate	26.8	20			6 UJ
			Hexachlorocyclopentadiene	49.4	20			6 UJ
			N-Nitrosodimethylamine	27.4	20			6 UJ
			Pyridine	25.1	20			6 UJ
24I1005	S4I2337-CCV1	9/23/24	Hexachloroethane	36.9	30			1 UJ

Notes:

1) Associated results were already qualified for another QC exceedance.

2) CCV exceedance was minor. No action taken.

Table B-7b. Continuing Calibration Verification Exceedances (Inorganics)

SDG	Continuing Calibration ID	Analysis Date	Parameter	% Rec	%Rec QC Limit	# of Flags
Method SW6010						
24H1788	S4H3022-CCV4	8/30/24	Selenium	111	90-110	0 (1)
24H1788	S4H3022-CCV5	8/30/24	Selenium	113	90-110	0 (1)
24H2011	S4I0527-CCV1	9/5/24	Antimony	111	90-110	0 (1)
24H2129	S4I0607-CCV2	9/6/24	Silver	113	90-110	0 (1)
24I0089	S4I2421-ICV1	9/24/24	Antimony	111	90-110	0 (3)
Method SW6020						
24H1788	S4H2928-CCV4	8/29/24	Antimony	87.5	90-110	1 UJ
			Beryllium	117	90-110	0 (1)
24H2011	S4I0516-CCV8	9/7/24	Antimony	84.4	90-110	1 UJ
			Beryllium	76.4	90-110	0 (2)
			Cadmium	85.1	90-110	1 UJ
			Chromium	89.4	90-110	1 UJ
			Nickel	88.5	90-110	1 UJ
24H2011	S4I0516-CCV9	9/7/24	Antimony	89.4	90-110	0 (2)
			Beryllium	75	90-110	1 UJ
24H2129	S4I0604-CCV6	9/6/24	Antimony	85.8	90-110	0 (2)
			Beryllium	88.3	90-110	1 UJ
			Cadmium	86.8	90-110	1 UJ
			Antimony	84.8	90-110	1 UJ
			Cadmium	88.9	90-110	0 (2)
24I0046	S4I0903-CCV4	9/6/24	Antimony	85.4	90-110	1 UJ
			Arsenic	89.2	90-110	1 UJ
24I0221	S4I1113-ICV1	9/10/24	Antimony	118	90-110	0 (3)
24I0294	S4I1148-CCV4	9/11/24	Chromium	88.1	90-110	1 J-
			Copper	84.6	90-110	1 UJ
			Nickel	88	90-110	1 UJ
			Zinc	87.9	90-110	1 J-
24I0889, 24I1005	S4I2320-ICV1	9/23/24	Silver	112	90-110	0 (3)

Notes:

1) Associated results were reported as non-detected. No action taken.

2) Associated results were qualified for another CCV.

3) Subsequent CCV was within control limits. Sample results were not affected.

Table B-8. Summary of Laboratory Blank Detections

SDG	Analytical Batch	Blank Type	Blank Sample Code	Analysis Date	Parameter	Unit	Result	RL	10 X Blank Value	# of Flags
Method SW6010										
24H2129, 24I0046	BI40186	MB	BI40186-BLK1	9/6/24	Beryllium	mg/kg	0.05	0.035	0.5	5 J+
24I0791	BI40894	CCB	S4I1711-CCB3	9/17/24	Beryllium	ug/ml	0.0005	0.0004	0.001	0 (3)
24I0889	BI12421	CCB	S4I2421-CCB1	9/24/24	Beryllium	ug/L	0.0007	0.0004	0.007	0 (3)
24I0889	BI12421	CCB	S4I2421-CCB2	9/24/24	Beryllium	ug/L	0.001	0.0004	0.01	0 (3)
					Lead	ug/L	0.007	0.004	0.07	0 (3)
Method SW6020										
24H1788	BH41853	CCB	S4H2928-CCB3	8/29/24	Nickel	ug/L	1.83	1	18.3	0 (1)
					Selenium	ug/L	1.16	1	11.6	0 (1)
24H1788	BH41853	CCB	S4H2928-CCB4	8/29/24	Nickel	ug/L	1.72	1	17.2	0 (1)
24H2011	BI40076	CCB	S4I0516-CCB8	9/7/24	Nickel	ug/L	1.51	1	15.1	0 (1)
24I0221	BI40564	ICB	S4I1120-ICB1	9/11/24	Selenium	ug/L	1.69	1	10.7	0 (2)
24I0294	BI40527	ICB	S411148-ICB1	9/12/24	Selenium	ug/L	1.69	1	16.9	0 (2)
Method SW8260										
24H2129, 21I0046	BI40178	MB	BI40178-BLK1	9/4/24	tert-Butyl alcohol	mg/kg	0.0047	0.0025	0.047	0 (1)
24I0294	BI40560	MB	BI40560-BLK1	9/11/24	Methylene chloride	mg/kg	0.0054	0.0025	0.054	0 (1)
					tert-Butyl alcohol	mg/kg	0.0064	0.0025	0.064	0 (1)
24I0294	BI40628	MB	BI40628-BLK1	9/11/24	Methylene chloride	ug/L	1.43	0.397	10.43	0 (1)
					Trichloroethylene	ug/L	5.74	0.249	50.74	0 (1)
24I0746	BI41252	MB	BI41252-BLK1	9/19/24	Methylene chloride	mg/kg	0.0061	0.0025	0.061	0 (1)
24I0791	BI41407	MB	BI41407-BLK1	9/23/24	Methylene chloride	mg/kg	0.017	0.0025	0.17	1 J+
24I0791, 24I0889	BI41506	MB	BI41506-BLK1	9/24/24	Methylene chloride	ug/L	0.65	0.5	6.5	0 (1)
24I0889	BI41572	MB	BI41572-BLK1	9/25/24	Methylene chloride	mg/kg	0.02	0.01	0.2	0 (4)
24I1005	BI41535	MB	BI41535-BLK1	9/24/24	Methylene chloride	mg/kg	0.02	0.01	0.2	0 (4)
Method SW8270										
21I1005	BI41277	MB	BI41277-BLK2	9/23/24	Naphthalene	ug/L	0.11	0.05	1.1	0 (1)

Notes:

1) Associated sample results were non-detects.

2) Target analyte was not detected in the following CCB

3) Associated sample results were greater than 10 X the blank value.

4) Associated sample results were already qualified for another QC exceedance.

Table 9a. LCS Frequency That Were Not Met

Analytical Batch	Reason For Not Meeting Required Frequency	LCS ID	Parameter	Assoc. Sample Batch (Lab Code Prefix)
Method SW8270				
24I0221	LCS was analyzed on a different instrument than the associated sample	BI40424-BS1 and BSD1	All SVOC	RB_9.3.24
24I0294	Almost all the SVOCs recoveries for the LCS were less than the QC range limit. It was determined that the exceedances were due to an analytical anomaly. LCS not used to evaluate accuracy for associated samples	BI40637-BS1 (A BS duplicate was not analyzed)	All SVOC	SB-49 (27-30), SB-48 (28-31), SB-51 (2-4), SB-51 (10-13), SB-20 (1-2.5), SB-21 (1-2.5)
24I0746	LCS' were analyzed in different analytical batchs than the associated SDG samples.	BI41021-BS1, BI41292-BS1, BI41045-BS1	All SVOC	SB-62 (2-5),SB-28 (0.5-2),SB-63 (10-12),SB-17 (25-28),RB_9.9.24 2, SB-19 (1-3),SB-18 (2-5),SB-18 (2-5) ,SB-DUP-2,SB-62 (2-5),SB-DUP-2,SB-23 (18-21) ,SB-23 (18-21),SB-9 (17-20),SB-10 (23-26),SB-11 (20-23),SB-32 (10-12) ,SB-34 (25-27),SB-33 (8-10),SB-62 (2-5),SB-28 (0.5-2),SB-63 (10-12), SB-17 (25-28), RB_9.9.24 2,SB-19 (1-3) ,SB-18 (2-5),SB-DUP-2 ,SB-23 (18-21) ,SB-9 (17-20) ,SB-10
24I1005	LCS' were analyzed in different analytical batchs than the associated SDG samples.	BI41338-BS1	All SVOC	SB-39 (1.5-3.5), SB-37 (2.5-3.5, SB-38 (3-5), CS-1, CS-2, CS-3, CS-4

Table B-9b. Laboratory Control Sample Exceedances

Sample Batch	Analytical Batch	LCS Sample Code	Analytical Date	Parameter	% Recovery	Control Limits % Recovery	# of Flags
Method SW6020							
24I0746	BI40932	BI40932-BS1	9/17/2024	Zinc	139	70-130	0 (4)
24I0791	BI41111	BI41111-BS1	9/19/2024	Zinc	123	80-120	1 J+
Method SW8260							
24H1788	BH41870	BH41870-BS1	8/28/24	Acetone	174	14-150	0 (1)
				Bromomethane	35	43-168	1 UJ (2)
				Tetrachloroethylene	49.9	82-131	1 UJ (2)
24H1788	BH41870	BH41870-BSD1	8/28/24	Acetone	174	14-150	0 (1)
				Bromomethane	35.7	43-168	0 (3)
				Tetrachloroethylene	49.2	82-131	0 (3)
24H1788	BH41960	BH41960-BS1	8/29/24	Acetone	216	36-155	0 (3)
24H1788	BH41960	BH41960-BSD1	8/29/24	Acetone	224	36-155	3 J+
24H2011	BI40098	BI40098-BS1	9/3/24	Acetone	255	36-155	7 J+
				Tetrachloroethylene	77.6	80-129	0 (3)
24H2011	BI40098	BI40098-BSD1	9/3/24	1,1,1,2-Tetrachloroethane	73.4	75-129	7 UJ (2)
				1,2,4-Trimethylbenzene	130	84-125	0 (4)
				1,3-Dichlorobenzene	125	84-125	0 (1)
				4-Methyl-2-pentanone	148	72-132	0 (1)
				Acetone	212	36-155	0 (3)
				Bromoform	73.7	80-136	0 (6)
				Bromomethane	1820	32-177	0 (1)
				Chloroethane	1290	51-142	0 (1)
				p-Isopropyltoluene	136	85-125	2 J+
				sec-Butylbenzene	130	83-125	0 (3)
				Tetrachloroethylene	72.1	80-129	7 UJ (2)
				Trichlorofluoromethane	204	62-140	0 (4)
24H2011	BH42142	BH42142-BS1	8/31/24	1,1,2,2-Tetrachloroethane	130	76-129	0 (4)
				Acetone	169	14-150	0 (1)
				Tetrachloroethylene	59.4	82-131	0 (4)
24H2011	BH42142	BH42142-BSD1	8/31/24	1,1,2,2-Tetrachloroethane	133	76-129	0 (4)
				Acetone	171	14-150	0 (1)
				Chlorobenzene	121	88-120	0 (1)
				Tetrachloroethylene	61.6	82-131	0 (4)
24H2129	BI40100	BI40100-BS1	9/3/24	Acetone	235	36-155	0 (3)
24H2129	BI40100	BI40100-BSD1	9/3/24	Acetone	250	36-155	1 J+
24H2129	BI40154	BI40154-BS1	9/4/24	Acetone	178	14-150	0 (4)
				Tetrachloroethylene	53.5	82-131	0 (4)
24H2129	BI40154	BI40154-BSD1	9/4/24	Acetone	193	14-150	0 (4)
				Tetrachloroethylene	54.4	82-131	0 (4)
24H2129, 24I0046	BI40178	BI40178-BS1	9/4/24	Acetone	233	36-155	0 (3)
				Tetrachloroethylene	77	80-129	3 UJ
24H2129, 24I0046	BI40178	BI40178-BSD1	9/4/24	Acetone	308	36-155	3 J+
24I0046	BI40230	BI40230-BS1	9/5/24	1,3-Dichlorobenzene	83.2	84-124	0 (3)
				1,4-Dichlorobenzene	83.9	84-124	0 (3)
				Acetone	207	36-155	0 (3)
				Hexachlorobutadiene	79.9	83-133	0 (3)
				Tetrachloroethylene	79.7	80-129	0 (3)
24I0046	BI40230	BI40230-BSD1	9/5/24	1,3-Dichlorobenzene	82.3	84-124	1 UJ
				1,4-Dichlorobenzene	81.9	84-124	1 UJ
				Acetone	218	36-155	1 J+

Table B-9b. Laboratory Control Sample Exceedances

Sample Batch	Analytical Batch	LCS Sample Code	Analytical Date	Parameter	% Recovery	Control Limits % Recovery	# of Flags
24I0046	BI40230	BI40230-BSD1	9/5/24	Hexachlorobutadiene	78.3	83-133	1 UJ
				p-Isopropyltoluene	84.4	85-125	1 UJ
				sec-Butylbenzene	82.2	83-125	1 UJ
				Tetrachloroethylene	78.4	80-129	1 UJ
24I0221	BI40535	BI40535-BS1	9/10/24	Acetone	245	36-155	0 (3)
				Bromoform	76	80-136	0 (4)
				Bromomethane	199	32-177	0 (1)
				Chloroethane	187	51-142	0 (1)
				Hexachlorobutadiene	78.3	83-133	4 UJ
				Tetrachloroethylene	73	80-129	0 (4)
				Trichlorofluoromethane	180	62-140	0 (1)
				Vinyl Chloride	144	52-130	0 (1)
24I0221	BI40535	BI40535-BSD1	9/10/24	Acetone	266	36-155	3 J+
				Bromomethane	202	32-177	0 (1)
				Chloroethane	185	51-142	0 (1)
				Tetrachloroethylene	77.2	80-129	0 (4)
				Trichlorofluoromethane	187	62-140	0 (1)
				Vinyl Chloride	152	52-130	0 (1)
24I0221	BI40643	BI40643-BS1	9/11/24	Acetone	228	36-155	1 J+
24I0221	BI40643	BI40643-BSD1	9/11/24	1,4-Dichlorobenzene	83.1	84-124	1 UJ
				Acetone	218	36-155	0 (3)
				Hexachlorobutadiene	80.5	83-133	1 UJ
24I0221	BI40586	BI40586-BS1	9/10/24	Acetone	281	14-150	0 (1)
				Tetrachloroethylene	46.3	82-131	0 (4)
24I0221	BI40586	BI40586-BSD1	9/10/24	Acetone	258	14-150	0 (1)
				Tetrachloroethylene	47.9	82-131	0 (4)
24I0294	BI40560	BI40560-BS1	9/10/24	1,1,1,2-Tetrachloroethane	69.7	75-126	0 (4)
				Acetone	225	36-155	2 J+
				Bromoform	72	80-136	0 (4)
				Bromomethane	178	32-177	0 (1)
				Chloroethane	151	51-142	0 (1)
				Hexachlorobutadiene	75.7	83-133	4 UJ
				Tetrachloroethylene	68.2	80-129	4 UJ
				Trichlorofluoromethane	163	62-140	0 (1)
				Vinyl Chloride	140	52-130	0 (1)
24I0294	BI40560	BI40560-BSD1	9/10/24	1,1,1,2-Tetrachloroethane	70.9	75-129	0 (4)
				Acetone	208	36-155	0 (3)
				Bromoform	69.8	80-136	0 (4)
				Chloroethane	152	51-142	0 (1)
				Hexachlorobutadiene	79.8	51-142	0 (3)
				tert-Butyl alcohol	66.2	70-130	0 (4)
				Tetrachloroethylene	69.8	80-129	0 (3)
				Trichlorofluoromethane	159	62-140	0 (1)
24I0294	BI40628	BI40628-BS1	9/11/24	Acetone	199	14-150	0 (1)
				Tetrachloroethylene	57.5	82-131	0 (4)
				Trichloroethylene	328	82-128	0 (4)
24I0294	BI40628	BI40628-BSD1	9/11/24	Acetone	202	14-150	0 (1)
				Dichlorodifluoromethane	42.3	44-144	0 (4)
				Tetrachloroethylene	56.9	82-131	0 (4)
				Trichloroethylene	180	82-128	0 (4)

Table B-9b. Laboratory Control Sample Exceedances

Sample Batch	Analytical Batch	LCS Sample Code	Analytical Date	Parameter	% Recovery	Control Limits % Recovery	# of Flags
24I0746	BI41205	BI41205-BS1	9/20/24	1,3-Dichlorobenzene	83.1	86-122	1 UJ
				1,4-Dichlorobenzene	82	85-124	1 UJ
				Acetone	205	14-150	0 (1)
				Chlorobenzene	85.9	88-120	1 UJ
				Dichlorodifluoromethane	172	44-144	0 (1)
				Tetrachloroethylene	56	82-131	1 UJ
24I0746	BI41252	BI41252-BS1	9/19/24	Acetone	312	36-155	0 (1)
				Tetrachloroethylene	79.2	80-129	5 UJ
24I0746	BI41252	BI41252-BSD1	9/19/24	Acetone	317	36-155	0 (1)
				Tetrachloroethylene	79.6	80-129	0 (3)
24I0746	BI41257	BI41257-BS1	9/20/24	1,2-Dibromoethane	85.8	86-123	0 (4)
				Dichlorodifluoromethane	201	28-158	0 (4)
24I0791	BI41353	BI41353-BS1	9/23/24	Acetone	199	36-155	0 (3)
24I0791	BI41353	BI41353-BSD1	9/23/24	Acetone	205	36-155	6 J+
				tert-Butyl alcohol	134	70-130	0 (1)
24I0791	BI41407	BI41407-BS1	9/23/24	Acetone	168	36-155	0 (3)
				Hexachlorobutadiene	80.2	83-133	1 UJ
24I0791	BI41407	BI41407-BSD1	9/23/24	Acetone	186	36-155	1 J+
24I0791	BI41481	BI41481-BS1	9/24/24	Acetone	180	36-155	1 J+
24I0791	BI41481	BI41481-BSD1	9/24/24	Acetone	172	36-155	0 (3)
24I0791, 24I0889	BI41506	BI41506-BS1	9/24/24	1,1,2-Trichloroethane	80.3	82-123	2 UJ
				1,2-Dibromoethane	80.7	83-124	2 UJ
				Acrolein	183	10-153	0 (1)
				cis-1,3-Dichloropropylene	79	80-131	2 UJ
				Tetrachloroethylene	49	82-131	2 UJ
24I0889	BI41482	BI41482-BS1	9/24/24	Acetone	196	36-155	0 (3)
				Hexachlorobutadiene	80.3	83-133	3 UJ
				Tetrachloroethylene	72	80-129	0 (3)
24I0889	BI41482	BI41482-BSD1	9/24/24	Acetone	200	36-155	2 J+
				Hexachlorobutadiene	79	83-133	0 (3)
				Tetrachloroethylene	77.9	80-129	3 UJ
24I0889	BI41572	BI41572-BS1	9/25/24	Acetone	165	36-155	0 (3)
				Hexachlorobutadiene	79	83-133	1 UJ
				Methylene chloride	178	57-141	0 (3)
24I0889	BI41572	BI41572-BSD1	9/25/24	Acetone	196	36-155	1 J+
				Methylene chloride	194	57-141	1 J+
24I1005	BI41481	BI41481-BS1	9/24/24	Acetone	180	36-155	0 (1)
24I1005	BI41481	BI41481-BSD1	9/24/24	Acetone	172	36-155	0 (1)
24I1005	BI41535	BI41535-BS1	9/24/24	Acetone	191	36-155	0 (1)
24I1005	BI41535	BI41535-BSD1	9/24/24	1,3,5-Trimethylbenzene	130	82-126	0 (1)
				Acetone	191	36-155	0 (1)
				Isopropylbenzene	131	81-127	0 (1)
				sec-Butylbenzene	130	83-125	0 (1)
				Toluene	123	85-121	0 (1)
				Trichloroethylene	125	84-123	0 (1)
24I1005	BI41596	BI41596-BS1	9/25/24	1,3-Dichlorobenzene	83.5	86-122	1 UJ
				1,4-Dichlorobenzene	82.6	85-124	1 UJ
				Acetone	210	14-150	0 (1)
				Chlorobenzene	87.4	88-120	1 UJ
				Dichlorodifluoromethane	180	44-144	0 (1)

Table B-9b. Laboratory Control Sample Exceedances

Sample Batch	Analytical Batch	LCS Sample Code	Analytical Date	Parameter	% Recovery	Control Limits % Recovery	# of Flags
				Tetrachloroethylene	45.1	82-131	0 (4)
24I1005	BI41596	BI41596-BS1	9/25/24	Acetone	213	14-150	0 (1)
				Dichlorodifluoromethane	184	44-144	0 (1)
				Tetrachloroethylene	45.8	82-131	0 (4)
Method SW8270							
24H1788	BH41952	BH41952-BS1	8/29/24	4,6-Dinitro-2-methylphenol	185	10-153	0 (1)
				Benzoic acid	19	30-130	0 (3)
24H1788	BH41952	BH41952-BSD1	8/29/24	4,6-Dinitro-2-methylphenol	185	10-153	0 (1)
				Benzoic acid	18	30-130	1 R (5)
24H2011	BI40071	BI40071-BS1	9/4/24	4,6-Dinitro-2-methylphenol	185	10-153	0 (1)
				Aniline	120	10-119	0 (1)
				Bis(2-chloroethyl)ether	173	19-125	0 (1)
24H2011	BI40129	BI40129-BS1	9/5/24	4,6-Dinitro-2-methylphenol	181	10-153	0 (1)
				Benzoic acid	0	30-130	1 R (5)
24H2011	BI40129	BI40129-BSD1	9/5/24	All results LCS results were rejected as anomalies.			
24H2129,24I0046	BI40224	BI40224-BS1	9/6/24	All results LCS results were rejected as anomalies.			
24H2129,24I0046	BI40224	BI40224-BSD1	9/6/24	4,6-Dinitro-2-methylphenol	183	10-153	0 (1)
				Benzoic acid	0	30-130	2 R (5)
				Pyridine	7.51	10-90	2 R (5)
24I0221	BI40553	BI40553-BS1	9/11/24	2,3,4,6-Tetrachlorophenol	132	30-130	0 (1)
				2,4,5-Trichlorophenol	136	27-118	0 (1)
				2,4,6-Trichlorophenol	133	31-120	0 (1)
				2,4-Dichlorophenol	131	20-127	0 (1)
				4,6-Dinitro-2-methylphenol	154	10-143	0 (1)
				4-Bromophenyl	125	29-120	0 (1)
				Atrazine	116	26-112	0 (1)
				Benzo(g,h,i)perylene	161	10-143	0 (1)
				Caprolactam	137	10-127	0 (1)
				Dibenzo(a,h)anthracene	189	10-136	0 (1)
				Indeno(1,2,3-cd)pyrene	171	10-135	0 (1)
24I0294	BI40622	BI40622-BS1	9/12/24	Benzoic acid	0	30-130	1 R (5)
				Bis(2-chloroethyl)ether	134	17-125	0 (1)
24I0294	BI40622	BI40622-BS2	9/12/24	Hexachlorobenzene	9	23-124	1 R (5)
				Hexachlorobutadiene	0	15-123	1 R (5)
				Hexachloroethane	0	18-115	1 R (5)
				N-Nitrosodimethylamine	0	10-124	1 R (5)
24I0746	BI40886	BI40886-BS1	9/16/24	4,6-Dinitro-2-methylphenol	161	10-153	0 (1)
				Benzoic acid	0	30-130	1 R (5)
24I0746	BI40886	BI40886-BSD1	9/16/24	4,6-Dinitro-2-methylphenol	158	10-153	0 (1)
				4-Nitrophenol	0	10-131	1 R (5)
				Benzoic acid	0	30-130	0 (3)
24I0746	BI40886	BI40886-BS2	9/16/24	Acenaphthylene	131	10-153	0 (1)
				Hexachlorobenzene	8	10-131	1 R (5)
				Naphthalene	286	30-130	0 (1)
				N-Nitrosodimethylamine	0	24-127	1 R (5)
				Phenanthrene	204	24-127	1 J+
24I1005	BI41277	BI41277-BS1	9/23/24	3- & 4-Methylphenols	0	10-107	1 R
				Benzoic Acid	0	30-130	1 R
24I1005	BI41277	BI41277-BSD1	9/23/24	Benzoic Acid	0	30-130	0 (3)
				Pyridine	0	10-90	1 R

Table B-9b. Laboratory Control Sample Exceedances

Sample Batch	Analytical Batch	LCS Sample Code	Analytical Date	Parameter	% Recovery	Control Limits % Recovery	# of Flags
24I1005	BI41277	BI1277-BS2	9/23/24	Hexachlorobenzene	5	23-124	1 R
				Hexachlorobutadiene	0	15-123	1 R
				N-Nitrosodimethylamine	0	10-124	1 R
				Pentachlorophenol	0	10-156	1 R
24H1788	BH41952	BH41952-BS2	8/29/24	Hexachlorobenzene	8	23-124	1 R (5)
				N-Nitrodimethylamine	0	10-124	1 R (5)
24H2129, 24I0046	BHI40224	BHI40224-BS2	9/6/24	Hexachlorobenzene	10	23-124	2 R (5)
				N-Nitrodimethylamine	0	10-124	2 R (5)
24I0221	BHI40424	BHI40424-BS2	9/10/24	Hexachlorobenzene	9	23-124	1 R (5)
				N-Nitrodimethylamine	0	10-124	1 R (5)
24I0791	BH41202	BH41202-BS2	9/20/24	Hexachlorobenzene	10	23-124	1 R (5)
				N-Nitrodimethylamine	0	10-124	1 R (5)

Note:

1) Associated results were less than the MDL.

2) LCS evaluation is not required according to data validation guidelines (EPA, 2020b). Therefore *SVOC* LCS guidelines were used for evaluation purposes. However, associated sample results qualified "UJ" instead of "R", as required for SVOC data.

3) Associated sample results were already flagged for the paired LCS or LCSD recovery exceedance.

4) Associated samples were qualified for another QC sample exceedance.

5) The rejected results were associated with rinsate blanks only.

6) LCS exceedance minor. No action taken.

Table 10a. Laboratory Duplicate Frequency Omissions

SDG	Reason For Not Meeting Required Frequency	Duplicate Sample	Parameter	Assoc. Samples (Lab Code Suffix)
Method SW6010				
24H2129	A lab duplicate was not analyzed for associated samples		All ICP Metals	SB-47 (25-27), SB-45 (28-30), SB-46 (20-23)
24I1005	A lab duplicate was not analyzed for associated samples		All ICP Metals	SB-39 (1.5-3.5), SB-37 (2.5-3.5, SB-38 (3-5), CS-1, CS-2, CS-3, CS-4, BS-4
Method SW6020				
24H2129	A lab duplicate was not analyzed for associated samples		All ICP-MS Metals	RB_8.30.24
24I1005	A lab duplicate was not analyzed for associated samples		All ICP-MS Metals	RB_9.16.24
Method SW7473				
24H2129	A lab duplicate was not analyzed for associated samples		All Mercury	SB-47 (25-27), SB-45 (28-30), SB-46 (20-23)
24I0791	A lab duplicate was not analyzed for associated samples		Mercury	RB_9.12.24
Method SW8081				
24I1005	A lab duplicate was not analyzed for associated samples		All Pesticides	RB_9.16.24, CS-1, CS-2, CS-3, CS-4
Method SW8151				
24I0791	A lab duplicate was not analyzed for associated samples		All Herbicides	RB_9.12.24
Method SW8260				
24I079, 24I0889	A lab duplicate was not analyzed for associated samples		All VOC	RB_9.12.24; RB_9.13.24
Method SW8270				
24H2011	Using professional judgement it was determined that LCS Duplicate data were anomalous.	BI40129-BSD1	All SVOC	RB_8.28.24
24H2129, 24I0046	Using professional judgement it was determined that original LCS data used to compare with the LCS duplicate were anomalous.	BI10224 - BS2	All SVOC	RB_8.29.2,RB_8.30.24
24I0221	LCS duplicate was analyzed on a different instrument that the associated sample.	BI40424-BSD1	All SVOC	RB_9.3.24
24I0221	A lab duplicate was not analyzed for associated samples		All SVOC	SB-49 (27-30), SB-48 (28-31), SB-51 (2-4), SB-51 (10-13), SB-20 (1-2.5), SB-21 (1-2.5), RB_9.5.24
24I0746	MS duplicates were run in different analytical batches from the associated SDG samples. The results were not used for evaluation purposes.	BI41021-MSD, BI41292-MSD1	All SVOC	12),SB-17 (25-28),RB_9.9.24 2, SB-19 (1-3),SB-18 (2-5),SB-18 (2-5) ,SB-DUP-2,SB-62 (2-5),SB-DUP-2,SB-23 (18-21) ,SB-23 (18-21),SB-9 (17-20),SB-10 (23-26),SB-11 (20-23),SB-32 (10-12) ,SB-34 (25-27),SB-33 (8-10),SB-62 (2-5),SB-28 (0.5-2),SB-63 (10-12), SB-17 (25-28), RB_9.9.24 2,SB-19 (1-3) ,SB-18 (2-5),SB-DUP-2 ,SB-23 (18-21) ,SB-9 (17-20) ,SB-10 (23-26)
24I0791	A lab duplicate was not analyzed for associated samples		All SVOC	RB_9-12-24
24I0889	A lab duplicate was not analyzed for associated samples		All SVOC	RB_9-13-2,SB-44 (22-25), SB-40 (22-24), SB-41 (5-9), SB-43 (13-15)
24I1005	A lab duplicate was not analyzed for associated samples		All SVOC	SB-39 (1.5-3.5), SB-37 (2.5-3.5, SB-38 (3-5), CS-1, CS-2, CS-3, CS-4

Table B-10b. Laboratory Duplicate Exceedances

SDG	Analytical Batch	Dup Sample Code	Analysis Date	Parameter	RPD or Diff	RPD or Diff Limit	# of Flags
Method SW6010							
24I0746	BI40966	BI40966-DUP1	9/17/24	Arsenic	48.2	35	13 J
				Beryllium	48.5	35	3 J; 10 UJ
				Nickel	57	35	13 J
24I0791	BI40894	BI40894-DUP1	9/17/24	Arsenic	6.01 mg/kg Diff	<2.5 mg/kg Diff	1 J
				Lead	72.5	35	1 J
Method SW6020							
24H1788	BH41853	BH41853-DUP1	8/28/24	Zinc	73.8	20	1 J
24I0746	BI40932	BI40932-DUP1	9/17/24	Chromium	51.4	20	1 J
				Zinc	54.3	20	1 J
24I0791	BI41111	BI41111-DUP1	9/19/24	Copper	4.61 ug/L Diff	<1.0 ug/L Diff	1 J
Method SW7473							
24I1005	BI41307	BI41307	9/20/24	Mercury	151	35	5 J
Method SW8082							
24I0791	BI41112	BI41112-MSD2	9/19/24	Aroclor 1016	63.8	50	0 (1)
24I1005	BI41331	BI41331-BSD2	9/22/24	Aroclor 1016	31.7	30	0 (1)
Method SW8260							
24H1788	BH41960	BH41960-MSD1	8/29/24	1,1,1,2-Tetrachloroethane	54.1	33	0 (1)
				1,1,1-Trichloroethane	44.5	30	0 (1)
				1,1,2-Trichloro-1,2,2-trifluoroethane	57	31	0 (1)
				1,1,2-Trichloroethane	44	40	0 (1)
				1,1-Dichloroethane	39.8	36	0 (1)
				1,1-Dichloroethylene	63.7	31	0 (1)
				1,2,3-Trichlorobenzene	109	47	0 (1)
				1,2,4-Trichlorobenzene	112	52	0 (1)
				1,2-Dibromo-3-chloropropane	68.7	54	0 (1)
				1,2-Dibromoethane	62.5	39	0 (1)
				1,2-Dichlorobenzene	92	52	0 (1)
				1,2-Dichloroethane	49	32	0 (1)
				1,2-Dichloropropane	38.7	37	0 (1)
				1,3,5-Trimethylbenzene	88.7	62	0 (1)
				1,3-Dichlorobenzene	104	51	0 (1)
				1,4-Dichlorobenzene	103	52	0 (1)
				Bromochloromethane	56.1	30	0 (1)
				Bromodichloromethane	47.1	37	0 (1)
				Bromoform	63.5	51	0 (1)
				Carbon disulfide	93.8	36	0 (1)
				Carbon tetrachloride	51.9	31	0 (1)
				Chlorobenzene	76.1	32	0 (1)
				Chloroethane	44.8	40	0 (1)
				Chloroform	43.3	29	0 (1)
				Chloromethane	32.9	31	0 (1)
				cis-1,2-Dichloroethylene	60.6	30	0 (1)
				cis-1,3-Dichloropropylene	71.3	39	0 (1)
				Cyclohexane	72.5	30	0 (1)
				Dibromochloromethane	53.9	41	0 (1)
				Dibromomethane	61	41	0 (1)
				Dichlorodifluoromethane	38.1	34	0 (1)
				Ethyl Benzene	79.8	42	0 (1)

Table B-10b. Laboratory Duplicate Exceedances

SDG	Analytical Batch	Dup Sample Code	Analysis Date	Parameter	RPD or Diff	RPD or Diff Limit	# of Flags
24H1788	BH41960	BH41960-MSD1	8/29/24	Hexachlorobutadiene	102	45	0 (1)
				Isopropylbenzene	82.3	57	0 (1)
				Methylcyclohexane	92	30	0 (1)
				n-Butylbenzene	116	96	0 (1)
				n-Propylbenzene	99.9	56	0 (1)
				o-Xylene	71.1	51	0 (1)
				p-&m- Xylenes	81.5	47	0 (1)
				p-Isopropyltoluene	105	60	0 (1)
				sec-Butylbenzene	101	56	0 (1)
				Styrene	86.8	39	0 (1)
				tert-Butylbenzene	88.5	79	0 (1)
				Tetrachloroethylene	80.8	33	0 (1)
				Toluene	61.5	50	0 (1)
				trans-1,2-Dichloroethylene	82.2	30	0 (1)
				trans-1,3-Dichloropropylene	84.5	30	0 (1)
				Trichloroethylene	77.1	30	0 (1)
				Trichlorofluoromethane	43.6	30	0 (1)
				Vinyl Chloride	54.2	35	0 (1)
24H2011	BI40098	BI40098-BSD1	9/3/24	4-Methyl-2-pentanone	42.1	30	0 (1)
				Bromomethane	175	30	0 (1)
				Chloroethane	169	30	0 (1)
				Trichlorofluoromethane	58.6	30	6 J
24I0294	BI40628	BI40628-BSD1	9/11/24	Trichloroethylene	58.1	30	0 (1)
24I0791	BI41353	BI41353-MSD1	9/23/24	1,1,1-Trichloroethane	42.3	30	0 (2)
				1,1,2-Trichloro-1,2,2-trifluoroethane	50	31	0 (2)
				1,1-Dichloroethylene	42.8	31	0 (2)
				Carbon disulfide	42.7	36	0 (2)
				Carbon tetrachloride	46	31	0 (2)
				Chloromethane	37.3	31	0 (2)
				Cyclohexane	46.9	30	0 (2)
				Dichlorodifluoromethane	54	34	0 (2)
				Methylcyclohexane	54.4	30	0 (2)
				Tetrachloroethylene	42.5	33	0 (2)
				trans-1,2-Dichloroethylene	32.4	30	0 (2)
				Trichloroethylene	32.6	30	0 (2)
				Trichlorofluoromethane	47.2	30	0 (2)
				Vinyl chloride	45.1	35	0 (2)
24I0889	BI41482	BI41482-BSD1	9/24/24	1,4-Dioxane	68.5	30	3 UJ
24I0889	BI41572	BI41572-BSD1	9/25/24	Bromomethane	32.4	30	1 UJ
				Carbon disulfide	31	30	1 UJ
				Chloromethane	49	30	0 (3)
				Dichlorodifluoromethane	92.2	30	0 (3)
				Vinyl Chloride	38.7	30	1 UJ
Method SW8270							
24H1788	BH41993	BH41993-MSD1	8/29/24	4,6-Dinitro-2-methylphenol	46	30	0 (1)
				Hexachlorocyclopentadiene	34.2	30	0 (1)

Table B-10b. Laboratory Duplicate Exceedances

SDG	Analytical Batch	Dup Sample Code	Analysis Date	Parameter	RPD or Diff	RPD or Diff Limit	# of Flags
24H2011	BI40071	BI40071-MSD1	9/4/24	Benzoic Acid	200	30	0 (1)
				Pyridine	33.1	30	0 (1)
24H2011	BI40129	BI40129-BSD1	9/5/24	All SVOC Data (51 Compounds)	>20	20	0 (2)
24H2129	BI40224	BI40224-BS1	9/6/24	All SVOC Data (51 Compounds)	>20	20	0 (2)
24I0221	BI40424	BI40424-BSD1	9/10/24	2,4-Dinitrophenol	29.8	20	0 (1)
				Benzoic Acid	42.4	20	0 (1)
				Hexachlorocyclopentadiene	25	20	0 (1)
				Pyridine	43.2	20	0 (1)
24I0746	BI40886	BI40886-BSD1	9/16/24	4-Chloroaniline	20.7	20	1 UJ
24I0791	BI41192	BI41192-MSD1	9/20/24	20 SVOC Results	>30	30	0 (1)
24I0791	BI41192	BI41192-MSD2	9/20/24	4,6-Dinitro-2-methylphenol	57.8	30	0 (1)
				Nitrobenzene	154	30	0 (1)
24I1005	BI41277	BI41277-BSD1	9/23/24	3- & 4-Methylphenols	186	20	0 (3)
				Aniline	21.7	20	0 (3)
				Bis(2-chloroethyl) ether	22.2	20	1 UJ

***Notes:**

1) Associated results for the MS source sample were not detected above the MDL. Qualifiers not required.

2) It was determined that the exceedances were associated to the paired LCS or LCS duplicate (or MS/MS duplicate) only. Duplicate measurements were not used to evaluate precision for the this analytical batch. It was noted that only field rinsate blanks were affected by these omissions.

3) Associated results were already qualified for another QC exceedance.

Table B-11. Matrix Spike Recovery Exceedances

SDG	Analytical Batch	Source Sample Code	MS Sample Code	Analysis Date	Parameter	% Recovery	QC Rec %	# of Flags
Method SW6010								
24H1788	BH41988	SB-2 (0.5-4)	BH41988-MS1	8/30/24	Antimony	24.1	75-125	1 J
24I0046	BH40186	SB-25 (1-3)	BH40186-MS1	9/6/24	Antimony	36.6	75-125	1 UJ
					Copper	131	75-125	1 J
					Lead	184	75-125	1 J
					Zinc	147	75-125	1 J
24I0746	BI40966	SB-18 (2-5)	BH40966-MS1	9/17/24	Antimony	10	75-125	1 UJ
					Lead	54.2	75-125	0 (2)
					Nickel	49	75-125	0 (2)
					Zinc	14.1	75-125	0 (2)
24I0791	BI40894	SB-35 (1-4)	BI40894-MS1	9/23/24	Antimony	33	75-125	1 UJ
					Copper	226	75-125	1 J+
24I0791	BI40967	SB-15 (20-23)	BI40967-MS1	9/18/24	Antimony	25	75-125	1 UJ
					Copper	195	75-125	1 J+
Method SW7473								
24I0746	BI40871	SB-18 (2-5)	BI40871-MS1	9/15/24	Mercury	62.9	75-125	1 J-
Method SW8260								
24H1788	BH41960	SB-2 (0.5-4)	BH41960-MS1	8/29/24	Methylcyclohexane	61.8	70-130	0 (2)
24H1788	BH41960	SB-2 (0.5-4)	BH41960-MSD1	8/29/24	1,2,3-Trichlorobenzene	6.98	10-157	0 (2)
					1,2,4-Trichlorobenzene	6.08	10-151	0 (2)
					1,2-Dibromoethane	33.9	40-142	0 (2)
					Acrolein	3.66	10-192	0 (2)
					cis-1,2-Dichloroethylene	37.9	42-144	0 (2)
					Cyclohexane	38.2	70-130	0 (2)
					Dibromomethane	36	47-143	0 (2)
					Methylcyclohexane	22.9	70-130	0 (2)
					n-Butylbenzene	8.52	10-162	0 (2)
					Tetrachloroethylene	20.6	30-167	0 (2)
					trans-1,2-Dichloroethylene	24.6	29-153	0 (2)
24H0791	BI41353	SB-15 (20-23)	BI41353-MS1	9/23/24	1,1,2,2-Tetrachloroethane	0	15-167	1 R
					Acetone	207	10-196	0 (2)
					Acrolein	7.12	10-192	0 (1)
					Cyclohexane	38.1	70-130	1 UJ
					Isopropylbenzene	-75.4	10-162	1 R
					Methyl acetone	0	10-149	1 R
					Methylcyclohexane	-13.6	70-130	1 R
					n-Butylbenzene	-222	10-162	1 R
					n-Propylbenzene	-187	10-155	1 R
					sec-Butylbenzene	-91.7	10-157	1 R
24H0791	BI41353	SB-15 (20-23)	BI41353-MSD1	9/23/24	1,1,2,2-Tetrachloroethane	0	16-167	0 (1)
					Acrolein	6.04	10-192	1 R
					Cyclohexane	61.4	70-130	0 (1)
					Isopropylbenzene	-51.1	10-162	0 (1)
					Methyl acetone	0	10-149	0 (1)
					Methylcyclohexane	10.7	70-130	0 (1)
					n-Butylbenzene	-208	10-162	0 (1)
					n-Propylbenzene	-168	10-155	0 (1)
					sec-Butylbenzene	-70.5	10-157	0 (1)

Table B-11. Matrix Spike Recovery Exceedances

SDG	Analytical Batch	Source Sample Code	MS Sample Code	Analysis Date	Parameter	% Recovery	QC Rec %	# of Flags
24H0791	BI41353	SB-35 (1-4)	BI41353-MS2	9/23/24	1,1,2,2-Tetrachloroethane	289	16-167	0 (3)
					1,2-Dibromo-3-chloropropane	198	36-138	0 (3)
					Cyclohexane	61.2	70-130	1 UJ
					n-Butylbenzene	228	10-162	0 (3)
					n-Propylbenzene	228	10-155	0 (3)
24H0791	BI41353	SB-35 (1-4)	BI41353-MSD2	9/23/24	1,1,2,2-Tetrachloroethane	174	16-167	0 (3)
					1,2-Dibromo-3-chloropropane	174	36-138	0 (3)
					2-Hexanone	200	10-181	0 (3)
					Cyclohexane	67.2	70-130	0 (1)
					Isopropylbenzene	166	10-162	0 (3)
					n-Butylbenzene	250	10-162	0 (3)
					n-Propylbenzene	245	10-155	0 (5)
Method SW8270								
24H1788	BH41993	SB-2 (0.5-4)	BH41993-MSD1	8/29/24	Benzo(g,h,i)perylene	0	10-138	0 (2)
24H2011	BI40071	SB-22 (16-18)	BI40071-MS1	9/4/24	3,3-Dichlorobenzidine	222	10-155	0 (1)
					Benzoic acid	0	10-166	0 (2)
24H2011	BI40071	SB-22 (16-18)	BI40071-MSD1	9/4/24	3,3-Dichlorobenzidine	207	10-155	0 (1)
24I0791	BI41192	SB-35 (1-4)	BI41192-MS1	9/20/24	3,3-Dichlorobenzidine	8.24	10-155	0 (4)
					Phenol	3.68	10-126	0 (4)
24I0791	BI41192	SB-35 (1-4)	BI41192-MSD1	9/20/24	2,4-Dinitrophenol	9.65	10-171	0 (4)
					Benzoic acid	5.44	10-166	0 (4)
24I0791	BI41192	SB-15 (20-23)	BI41192-MS2	9/20/24	2-Methylnaphthalene	187	10-147	1 J+
					Caprolactam	628	10-132	0 (3)
					Nitrobenzene	8.11	10-131	2 UJ
24I0791	BI41192	SB-15 (20-23)	BI41192-MSD2	9/20/24	2-Methylnaphthalene	164	10-147	0 (1)
					Caprolactam	533	10-132	0 (5)

Notes:

1) Associated sample results were already flagged for the paired MS or MSD recovery exceedance.

2) Associated sample results were already flagged for another QC sample exceedance.

3) Associated sample results were less than the MDL.

4) Less stringent QC limits were used for soil samples as noted in the EPA data validation guidelines.

5) Associated sample(s) was diluted. Matrix Spike recovery not used for evaluation purposes.

Table B-12. Summary of Serial Dilution Exceedances

SDG	QC Batch	Source Sample	SD Sample	Analytical Date	Parameter	% Difference	Control Limits (%)	Flags
Method 6010								
24H1788	BH41988	SB-2 (0.5-4)	S4H3022-SRD4	8/30/24	Chromium	74.7	25 (1)	1 J
					Copper	77.5	25 (1)	1 J
					Lead	74.4	25 (1)	1 J
					Nickel	74.5	25 (1)	1 J
					Zinc	73.2	25 (1)	1 J
24I0746	BH40966	SB-18 (2-5)	S4I1735-SRD9	9/16/24	Selenium	50.1	25 (1)	0 (2)
24I0791	BH40894	SB-35 (1-4)	S4I1711-SRD2	9/17/24	Zinc	32.3	25 (1)	0 (2)
24I0791	BH40967	SB-15 (20-23)	S4I1818-SRD5	9/18/24	Arsenic	49.4	25 (1)	0 (2)
					Chromium	36.8	25 (1)	1 J
					Lead	61.7	25 (1)	1 J
					Nickel	42.5	25 (1)	1 J
					Zinc	50.8	25 (1)	1 J
Method SW6020								
24I0046	BI40186	SB-25 (1-3)	S4I0607-SRD1	9/6/24	Zinc	26.7	25 (1)	0 (2)
24I0791	BI41111	RB_9.12.24	S4I1917-SRD1	9/19/24	Zinc	46.9	15	0 (2)

Notes:

1) Less stringent QC limits were used for soil samples as noted in the EPA data validation guidelines.

2) Associated sample was already qualified for another QC exceedance.

Table B-13. Surrogate/Internal Standard Exceedances (Organics)

SDG	Field Sample ID	Lab Sample ID	Analysis Date	Surrogate	% Rec	QC Range % Recovery	#Flags
Method SW8082							
24H1788	SB-2 (0.5-4)	24H1788-02	8/30/24	Decachlorobiphenyl	27.5	30-120	0 (1)
24I0221	RB_9.3.24	24I0221-04	9/11/24	Decachlorobiphenyl	29	30-120	0 (1)
Method SW8260							
24H1788	SB-3 (14-16)	24H1788-04	8/29/24	p-Bromofluorobenzene	157	76-130	0 (2)
24H1788	SB-5 (17.5-20)	24H1788-05	8/29/24	p-Bromofluorobenzene	229	76-130	0 (2)
24H2011	SB-8 (25-28)	24H2011-01	9/3/24	p-Bromofluorobenzene	219	76-130	10 J+
24H2011	SB-6 (21-23)	24H2011-05	9/3/24	p-Bromofluorobenzene	481	76-130	10 J+
24H2011	SB-24 (23-25)	24H2011-06	9/3/24	p-Bromofluorobenzene	424	76-130	8 J+
24H2011	SB-14 (12-15)	24H2011-07	9/3/24	p-Bromofluorobenzene	700	76-130	10 J+
24H2181	SB-47 (25-27)	24H2181-01	9/3/24	1,2-Dichloroethane-d4	189	77-125	0 (2)
				p-Bromofluorobenzene	207	76-130	12 J+
24I0046	SB-42 (1-3)	24I0046-01	9/4/24	p-Bromofluorobenzene	170	76-130	4 J+
24I0046	SB-25 (1-3)	24I0046-02	9/5/24	Toluene-d8	121	85-120	0 (2)
24I0221	SB-60 (3-6)	24I0221-02	9/10/24	p-Bromofluorobenzene	182	76-130	0 (2)
24I0294	SB-48 (28-31)	24I0294-02	9/10/24	1,2-Dichloroethane-d4	144	77-125	0 (2)
24I0746	SB-23 (18-21)	24I0746-09	9/20/24	p-Bromofluorobenzene	152	76-130	2 J+
24I0746	SB-63 (10-12)	24I0746-03	9/19/24	p-Bromofluorobenzene	158	76-130	0 (2)
24I0746	SB-17 (25-28)	24I0746-04	9/19/24	p-Bromofluorobenzene	146	76-130	0 (2)
24I0746	SB-23 (18-21) (2)	24I0746-09 (2)	9/20/24	p-Bromofluorobenzene	152	76-130	0 (2)
24I0746	SB-62 (2-5)	24I0746-01	9/20/24	p-Bromofluorobenzene	136	76-130	0 (2)
24I0791	SB-15 (20-23)	24I0791-05	9/23/24	p-Bromofluorobenzene	146	76-130	0 (3)
24I0791	SB-DUP-3	24I0791-06	9/23/24	p-Bromofluorobenzene	171	76-130	6 J+
24I0791	SB-16 (21-13)	24I0791-03	9/23/24	p-Bromofluorobenzene	52	76-130	4 J+;8 UJ
24I0791	SB-12 (10-12)	24I0791-04	9/23/24	p-Bromofluorobenzene	153	76-130	1 J+
24I0889	SB-43 (13-15)	24I0889-04	9/25/24	Toluene-d8	256	85-120	0 (2)
24I1005	SB39 (1.5-3.5)	24I1005-01	9/25/24	Toluene-d8	178	85-120	0 (2)
Method SW8270							
24H2011	SB-8 (25-28)	24H2011-01	9/4/24	Nitrobenzene-d5	120	22-108	0 (2)
24H2011	SB-7 (15-18	24H2011-02	9/4/24	Nitrobenzene-d5	137	22-108	0 (4)
24H2011	SB-14 (12-15)	24H2011-07	9/4/24	Nitrobenzene-d5	178	22-108	0 (4)
24H2129	RB_8.29.24	24H2129-04	9/6/24	2-Fluorobiphenyl	106	39.9-105	0 (2)
				Terphenyl-d14	109	30.7-106	0 (2)
24I0046	SB-42 (20-23)	24I0046-01	9/5/24	2,4,6-Tribromophenol	121	19-110	0 (2)
24I0221	SB-30 (4-6)	24I0221-01	9/11/24	2,4,6-Tribromophenol	119	19-110	0 (2)
	SB-61 (2-5)	24I0221-05	9/11/24	2,4,6-Tribromophenol	8.04	19-110	0 (3)
	SB-26 (5-6)	24I0221-03	9/11/24	2,4,6-Tribromophenol	126	19-110	0 (2)
24I0791	SB-DUP-3	24I0791-06	9/20/24	Nitrobenzene-d5	117	22-108	0 (4)
24I0791	SB-DUP-3	24I0791-06 RE	9/23/24	Nitrobenzene-d5	199	22-108	0 (4)
				2,4,6-Tribromophenol	122	21-113	0 (4)
24I0791	SB-12 (10-12)	24I0791-04	9/20/24	2-Fluorobiphenyl	9.04	20-108	0 (4)
				Pnenol-d6	20.2	23-114	0 (4)
				2,4,6-Tribromophenol	4.72	19-110	0 (4)
24I0889	SB-43 (13-15)	24I0889-04	9/24/24	Nitrobenzene-d5	125	22-108	0 (3)

Notes:

1) Using professional judgement, it was determined that this exceedance did not affect the associated sample results. Exceedance was minor and all the associated results were reported as non-detected, including a duplicate of this sample.

2) Associated compounds were not detected. No action taken.

3) Sample results were already qualified for another QC exceedance.

4) Associated sample was diluted. Surrogate recovery not used.

Table B-14. Internal Standard Exceedances

SDG	Field Sample ID	Lab Sample ID	Analysis Date	Surrogate	Area %	Area% Limits	#Flags
Method SW8260							
24H2011	SB-14 (12-15)	24H2011-07	9/3/24	1,2-Dichlorobenzene-d4	256	50-200	0 (1)
24H2129	SB-47 (25-27)	24H2181-01	9/3/24	Fluorobenzene	532	50-200	1 J-
24I0046	SB-25 (1-3)	24I0046-02	9/5/24	1,2-Dichlorobenzene-d4	44	50-200	4 UJ
24I1005	SB-39 (1.5-3.5)	24I1005-01	9/25/24	Chlorobenzene-d5	32	50-200	14 UJ
				1,2-Dichlorobenzene-d4	12	50-200	2 J+; 4 R
Method SW8270							
24I0221	RB_9.3.24	24I0221-04	9/10/24	1,4-Dichlorobenzene-d4	3	50-200	All R (2)
				Napthalene-d8	3	50-200	All R (2)
				Acenaphthene-d10	4	50-200	All R (2)
				Phenanthrene-d10	3	50-200	All R (2)
				Chrysene-d12	3	50-200	All R (2)
				Perylene-d12	3	50-200	All R (2)
24I0221	SB-60 (3-6)	24I0221-02	9/11/24	Napthalene-d8	210	50-200	0 (1)
				Acenaphthene-d10	294	50-200	0 (1)
				Chrysene-d12	209	50-200	0 (1)
				Perylene-d12	229	50-200	0 (1)

1) Associated results were not detected.

2) All results were rejected for the sample (total of 51 R) due to the extremely low %Areas for all of the internal standards. In additional the RT time shift was greater than 30 secs the RT for the associated CCV. It was noted that this sample was a rinsate blank.