



# **Field Sampling Summary Report**

**FOUR SPARROW MARSH TIDAL WETLAND MITIGATION  
2879 FLATBUSH AVENUE  
BOROUGH OF BROOKLYN, NY  
NYC DDC PROJECT ID: WTM4SPRW**

**Prepared for:**

**NYC Department of Design & Construction (DDC)  
30-30 Thomson Avenue  
Long island City, NY 11101**

**And**

**Galvin Bros., Inc  
149 Steamboat Road  
Great Neck, NY 11024**

**Prepared by:**

**EcoTerra Consulting LLC  
234 Stelton Road, Suite-2B,  
Piscataway, NJ 08854**

**Revision 02**

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## **Field Sampling Summary Report**

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## **1.0 INTRODUCTION**

At the request of Galvin Bros., Inc (Galvin), EcoTerra Consulting, LLC (EcoTerra) has prepared this Field Sampling Summary Report (FSSR) for the Mitigation of Four Sparrow Marsh Tidal Wetlands, Brooklyn, NY (hereafter referred to as the “Site”). This FSSR documents field sampling activities including establishment of soil borings, sample locations, soil screening, sample collection, and analysis.

### **1.10 Project Description**

The Site is located at 2879 Flatbush Avenue in the Mill Basin section of the Borough of Brooklyn, New York. The Site is currently a portion of the NYC Department of Parks and Recreation (DPR) Four Sparrow Marsh (portion of Block 8591, Lot 100) and is approximately 139,800 square feet (3.21 acres) in size and is irregular in shape.

The New York City Department of Design and Construction (NYCDDC) WTM4SPRW project will involve wetland mitigation work in Four Sparrow Marsh in the Mill Basin area of Brooklyn to improve natural wetland conditions and functions through restoration/rehabilitation and prevent further declination of the wetland. The tidal wetland mitigation was originally proposed as the off-site mitigation to compensate for the impacts at the NYCDDC SE795 project in Far Rockaway, Queens. Subsequently, the New York State Department of Environmental Conservation (NYSDEC) has approved the relocation of the mitigations for NYCDDC projects SE798 in Staten Island and CONISPH2B in Brooklyn, to Four Sparrow Marsh as well. A total of 74,060 square feet of tidal wetland creation is proposed at Four Sparrow Marsh to compensate for these three projects.

The estimation of soil quantities is founded upon both contractor data and the values outlined in the bid documents. Consequently, it is anticipated that approximately 8,000 cubic yards (cyds) of soil will be excavated in accordance with the design plans aimed at mitigating the Four Sparrow Marsh tidal wetlands. The entirety of this 8,000 cyds of soil is expected to require offsite disposal.

## **2.0 FIELD ACTIVITIES**

ECOTERRA conducted soil sampling activity on April 25, 2024 and April 26, 2024 in accordance with the Field Sampling Plan (FSP) acceptance memo dated April 10, 2024. Borings were performed by PG Environmental Services, Inc’s, Geo-environmental group under the supervision of ECOTERRA. Field activities consist of advancement of soil borings and collection of soil characterization samples for laboratory analysis.

### **2.10 Utility Mark-Outs**

New York one-call center was contacted to mark-out utilities at each boring location.

### **2.20 Soil Sampling and Analysis using Soil Boring**

Each composite sample(WC-1 to WC-16) represents approximately 500 CY of excavated soil. All proposed borings were completed to a maximum depth of 3 feet below grade surface(ftbgs). Soil samples were collected in 5-foot-long, 2-inch diameter stainless steel macrocore sampler fitted with

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acetate liners. Each liner was split length wise which were screened using Photo Ionization Detector (PID) – MiniRAE-2000 in the field and also inspected for any evidence of olfactory/visual contamination. One composite and one discrete grab sample were collected from each boring for laboratory analysis. Please refer to figure 1 for further details. Each composite sample comprised of five (5) grab samples obtained from various depths of excavation, spread across the four boring within each grid. Each grab sample was labeled with the sample identification of (g) at each respective location. Soil lithology was logged by the field engineer according to the Unified Soils Classification System (USCS). PID readings for all the soil samples were noted to be Non-Detect (ND) or 0.0 ppm. Field personnel recorded and documented subsurface conditions. Soils predominantly composed of black organic silt in the first one foot followed by black, brown to dark brown sand with trace silt in the bottom 2 feet below ground surface.

Grab samples were prepared using Terracore samplers supplied by the testing laboratory and were analysed for volatile organic compounds (VOCs) by USEPA Method 8260. Composite samples were collected in 8-oz jars supplied by the testing laboratory.

After completion of the boring activities, the cuttings generated during the soil boring activities were returned to the same borehole .

All samples were marked and identified with legible sample labels, indicating the project name, sample location, sample number and the date and time of sampling. Samples were stored in an iced cooler and were scheduled same day pick-up from the driver of York Analytical Laboratories Inc., a New York State Department of Health Environmental Laboratory Approval Program (NYSDOH-ELAP Certification #11452) certified laboratory.

Each sample shall be analyzed for the following parameters in accordance with NYCDDC specification section 8.01 and disposal facility criteria:

- Volatile organic compounds (VOCs) by USEPA Method 8260
- Semi-volatile organic compounds (SVOCs) by USEPA Method 8270
- Polychlorinated biphenyls (PCBs) by USEPA Method 8082
- Pesticides/Herbicides via USEPA Method 8081/8151
- TAL Metals via USEPA Method 6010D
- Mercury via USEPA Method 7471
- Total Cyanide-USEPA Test Method 9014/9010C
- Total Hexavalent Chromium-USEPA Test method 7196A/3060A
- TCLP Leachable Extraction-USEPA Method -1311  
-for Leachable Metals (8 RCRA Metals)-USEPA Method 6010
- TCLP Semi-volatile organic compounds (SVOCs) by USEPA Method 8270D/1311/8270BN
- TCLP Volatile organic compounds (VOCs) by USEPA Method 8260 C/1311/8260B
- TCLP Pesticides/Herbicides via USEPA Method 8081B/8151A/1311
- Ignitibility characteristic by USEPA Method 1030/SW- 846
- Reactivity Characteristics by SW846 Chapter 7.3

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- Corrosivity characteristics by USEPA Method 9045D /SW-846
- EPH Analysis
- Paint Filter Test SW-846 Test Method 9095B (1 per site)
- SPLP Chloride

### **2.30 Analytical Results**

The results were compared against 6 NYCRR PART 375 Restricted Use SCOs for Protection of Ecological Resources. Notable exceedances of the compounds are summarized below. Detailed results for each compound exceeding the NYSDEC Part 375 Protection to Groundwater & Restricted Residential SCOs are presented in Table 1 & 2.

- 4,4'-DDE was noted at **0.00389** ppm in **WC-10** and at **0.00549** ppm in **WC-11** exceeding the 6 NYCRR PART 375 Restricted Use SCOs for Protection of Ecological Resources of 0.0033 ppm. 4,4'-DDT was noted at **0.0043** ppm in **WC-11** exceeding the 6 NYCRR PART 375 Restricted Use SCOs for Protection of Ecological Resources of 0.0033 ppm.
- Cadmium was noted at 4.27 ppm in **WC-1** above Ecological Use SCO's of 4 ppm. Lead was noted to be ranging from 116 ppm to 7730 ppm in samples **WC-1, WC-2, WC-5, WC-6, WC-9, WC-10, WC-11, WC-13 & WC-16** above Ecological Use SCO's of 63 ppm. Copper was noted to be ranging from 91.6 ppm to 357 ppm in **WC-1, WC-5, WC-6, WC-10 & WC-11** above Ecological Use SCO's of 50 ppm. Nickel was noted between 33.9 ppm to 83.7 ppm in **WC-1, WC-5, WC-6, WC-11 and WC-13** above Ecological Use SCO's of 30 ppm. Zinc was noted between 154 ppm to 22,400 ppm in **WC-1, WC-2, WC-4, WC-5, WC-6, WC-7, WC-10, WC-11 and WC-13** above Ecological Use SCO's of 109 ppm. Mercury was noted between 0.195 ppm to 0.985 ppm in **WC-1, WC-2, WC-5, WC-6, WC-10, WC-11 and WC-13** above Ecological Use SCO's of 0.18 ppm.
- Total PCB's was noted **5.310 ppm** in **WC-1** above Ecological Use SCO's of 1 ppm.
- Benzo(a)pyrene was above Ecological Use SCO's of 2.6 ppm in WC-5.
- None of soil samples were noted above USEPA's TCLP hazardous waste limits. However, notable concentration of **3.4 mg/l** in **WC-1** and **4.16 mg/l** in **WC-16** of TCLP lead was noted. The USEPA's Hazardous waste limits for Lead is 5 mg/l.

### **3.0 ADDITIONAL DELINEATION SOIL SAMPLING**

This data was submitted to the disposal facilities. Upon disposal facility's request, additional investigation was conducted at the WC-1 and WC-16 locations due to the elevated TCLP lead and PCBs levels. On May 29, 2024 and June 6, 2024, ECOTERRA conducted soil sampling activities to address PADEP's review comments. On sampling day, it was noted that WC-16 grid was already excavated and stockpiled on site in WC-16 grid. Please refer Figure 1 for stockpile location. Hence, six discrete soil samples WC-16-1 to WC-16-6 were collected at six discrete locations from the stockpile. Moreover, two delineation samples at the boundary of WC-16 and WC-15 were collected

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and identified as DS-16-A & DS-16-B. Please refer Figure 1 for each location. All these soil samples were analyzed for Total & TCLP Lead. The results are summarized below:

| Sample ID | Total Lead(ppm)<br>Protection to Ecological<br>SCOs-63 ppm | TCLP Lead(mg/l)<br>USEPA's Haz.<br>Waste limit-5 mg/l |
|-----------|--|---|
| DS-16-A   | <b>795</b>   | 1.03  |
| DS-16-B   | <b>946</b>   | <b>13.4</b>   |
| WC-16-1   | <b>172</b>   | 2.1   |
| WC-16-2   | <b>292</b>   | 2.18  |
| WC-16-3   | 44.3   | 0.547   |
| WC-16-4   | 20.8   | 0.17  |
| WC-16-5   | <b>383</b>   | <b>8.02</b>   |
| WC-16-6   | <b>2280</b>  | <b>6.94</b>   |

To address the delineation of WC-1 for PCBs, Total Lead and TCLP lead, four delineation samples DS-1A, DS-1B, DS-1C and DS-1D were collected as identified in figure 1. All these samples were analyzed for PCBs, Total and TCLP lead. Please refer Table 4, 5, and 6 for further details. The results are summarized below:

| Sample ID | Total Lead(ppm)<br>Protection to Ecological<br>SCOs-63 ppm | TCLP USEPA's Haz.<br>Waste limit-5 mg/l<br>Lead(mg/l) | PCB's (ppm)<br>Protection to Ecological<br>SCOs-1 ppm |
|-----------|--|---|---|
| DS-1-A    | <b>1020</b>  | 1.04  | <b>8.9</b>  |
| DS-1-B    | <b>77.4</b>  | 0.0797  | 0.46  |
| DS-1-C    | <b>874</b>   | 0.645   | <b>46.0</b>   |
| DS-1-D    | <b>1470</b>  | 1.03  | <b>1.3</b>  |

Due to exceedances in PCBs, Lead & TCLP Lead for grid WC-1; and exceedances in Total & TCLP Lead in grid WC-16, four and two additional delineation soil samples were procured for WC-1 & WC-16 respectively. To address the delineation of WC-1 for PCB and Lead, four delineation samples DS-1A1, DS-1B1, DS-1C1 and DS-1D1 were collected and to address the delineation of WC-16 for Lead & TCLP Lead, two delineation samples DS-16A1 and DS-16B1 were collected as identified in figure 1. Please refer Table 4, 5, and 6 for further details. The results are summarized below :

| Sample ID | Total Lead(ppm)<br>Protection to Ecological<br>SCOs-63 ppm | TCLP USEPA's Haz.<br>Waste limit-5 mg/l<br>Lead(mg/l) | PCB's (ppm)<br>Protection to Ecological<br>SCOs-1 ppm |
|-----------|--|---|---|
| DS-1-A1   | <b>628</b>   | 0.614   | <b>1.6</b>  |
| DS-1-B1   | <b>493</b>   | 1.05  | <b>1.9</b>  |
| DS-1-C1   | <b>120</b>   | 0.191   | 0.42  |
| DS-1-D1   | <b>703</b>   | 0.529   | <b>1.2</b>  |
| DS-16-A1  | 5.7  | 0.031   | NA  |
| DS-16-B1  | 15.5   | 0.024   | NA  |

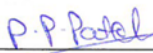
NA : Not Analyzed

#### **4.0 CONCLUSIONS AND RECOMMENDATIONS**

- Soil samples taken from wetland areas have been assessed against the applicable Protection of Ecological Resources Soil Cleanup Objectives (SCO) to determine their suitability for onsite reuse or offsite disposal, as outlined in the approved Field Sampling Plan. Samples WC-1, WC-2, WC-4, WC-5, WC-6, WC-7, WC-9, WC-10, WC-11, WC-13, and WC-16 have exceeded the Protection of Ecological Resources SCO threshold, indicating the need for offsite disposal measures. In accordance with applicable NYCDDC specifications, soils meeting the Protection of Ecological Resources SCO may be suitable for use as on-site backfill. Non-native materials, such as historic fill or petroleum-impacted soil, are not suitable for use as backfill and must be disposed of off-site pursuant to federal, state, and local regulations.
- Total PCB's was noted 5.310 ppm in WC-1 above applicable SCO's of 1 ppm. None of soil samples were noted above USEPA's TCLP hazardous waste limits. However, notable concentration of 3.4 mg/l in WC-1 and 4.16 mg/l in WC-16 of TCLP lead was noted. The USEPA's Hazardous waste limits for Lead is 5 mg/l.
- To satisfy the disposal facility's permit requirements, additional delineation sampling was conducted at the WC-1 and WC-16 locations due to elevated TCLP lead levels. The concentration of PCBs at the boundary of WC-1 ranged between 1.3 ppm and 46 ppm. Further delineation sampling at a 10-foot step-out showed PCB levels within 1.9 ppm (less than 2 ppm) for Total PCB. No TCLP lead exceedances were noted in any of the delineation samples for WC-1. However, due to the elevated PCB levels, the material from this grid should be appropriately disposed of.
- The TCLP lead levels in WC-16 ranged from 0.0797 mg/L to 13.4 mg/L, exceeding the USEPA limit of 5 mg/L. Further testing at the boundary of WC-15 and WC-16, with a 10-foot step-out, showed TCLP lead results below the USEPA's hazardous waste limits, thus concluding the hazardous lead delineation at this boundary. However, since the WC-16 grid exceeded the USEPA's hazardous waste limit of 5 ppm, the material from this entire grid is proposed for disposal in a Subtitle C hazardous waste facility.

This Field Sampling Report has been prepared and signed by EcoTerra Consulting, LLC. Questions or comments on the contents of this report should be directed to the undersigned at 732 762 4893.

Sincerely,



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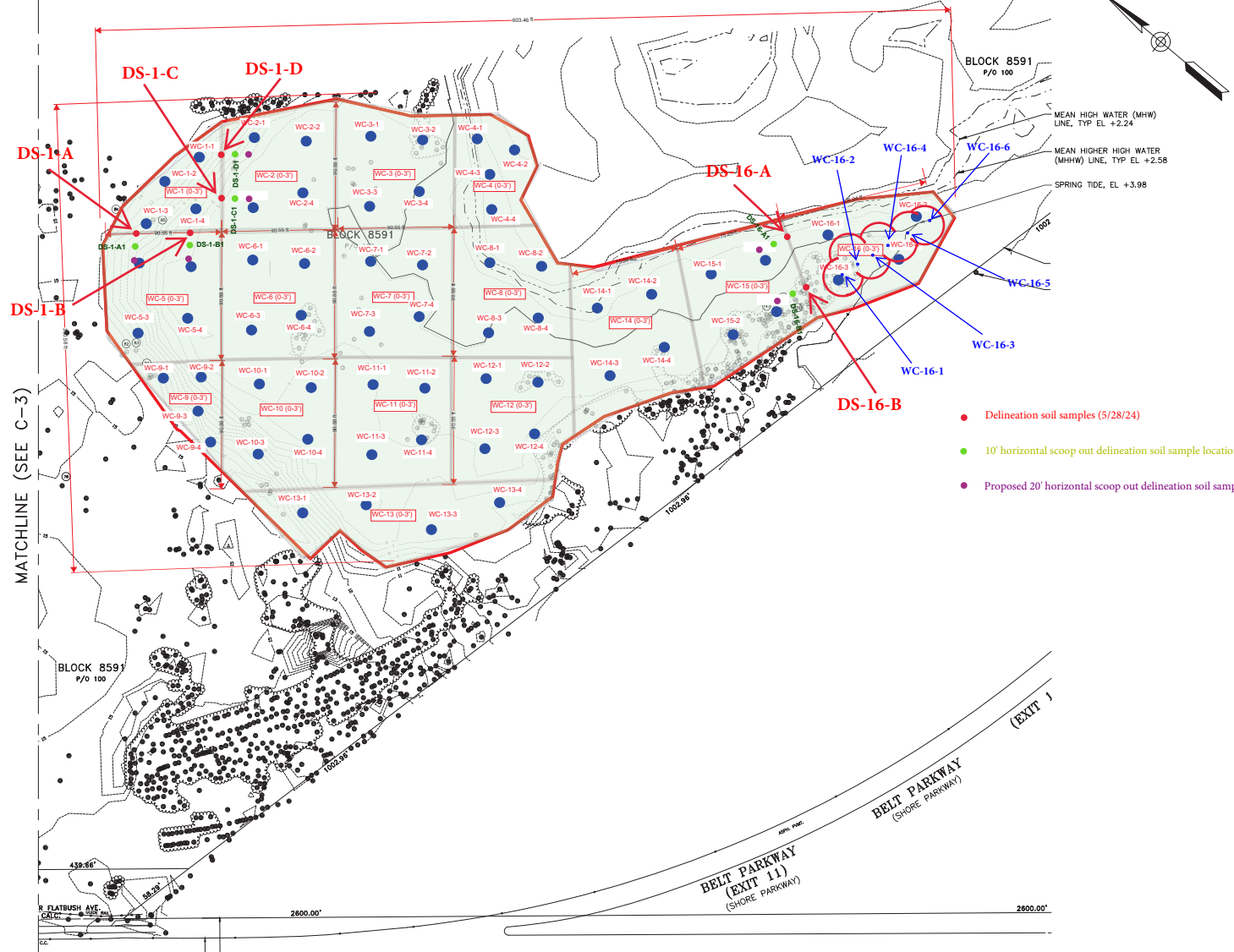
Priyanka Patel, CHMM

File: Four Sparrows-FSSR\_02

# FIGURES



**EXISTING ELEVATIONS**



**NOTES:**  
 1. TREE NUMBERING CORRESPONDS TO THE TREE INVENTORY PREPARED BY HAZEN AND SHIFFER/JACOBY JOINT VENTURE DATED AUGUST 2021. TREES NOT NUMBERED ON THIS PLAN ARE LESS THAN 4 INCHES DIAMETER AT BREAST HEIGHT OR ARE NOT LOCATED WITHIN THE PROJECT AREA AND WERE NOT INCLUDED IN THE TREE INVENTORY.

MEAN HIGH WATER (MHW) LINE, TYP. EL. +2.24'  
 MEAN HIGHER HIGH WATER (MHHW) LINE, TYP. EL. +2.58'  
 SPRING TIDE, EL. +3.98'

- Delineation soil samples (5/28/24)
- 10' horizontal scoop out delineation soil sample location
- Proposed 20' horizontal scoop out delineation soil sample location

**LEGEND**

|     |  |
|-----|--|
| --- | MEAN HIGHER HIGH WATER (MHHW)            |
| --- | MEAN HIGH WATER (MHW)                    |
| --- | SPRING TIDE                              |
| ⊗   | EXISTING TREE                            |
| ⊗   | EXISTING TREE - TREE INVENTORY JULY 2021 |

**FIGURE 1 : SOIL SAMPLE LOCATION PLAN**

**PLAN**  
 SCALE: 1" = 30' 1" = 30'-0"



FINAL DESIGN PREPARED BY:  
 HAZEN AND SHIFFER PROJECT MANAGER  
 DATE: 5/31/2023

DRAWN BY: IC  
 DESIGNED BY: EM  
 CHECKED BY: JN  
 CADD FILE: S-3

CITY OF NEW YORK  
 DEPARTMENT OF DESIGN + CONSTRUCTION  
 DIVISION OF INFRASTRUCTURE  
 BUREAU OF DESIGN

EXISTING CONDITIONS (2 OF 2)

| NO.   | DATE | DESCRIPTIONS    | BY             | APPROV. |
|---|------|-----------------|----------------|---------|
| REVISIONS   |      |                 |                |         |
| FOUR SPARROW MARSH<br>TIDAL WETLAND MITIGATION<br>BOROUGH OF BROOKLYN |      |                 |                |         |
| PROJECT ID: WTM4SPRW  |      | DATE: 5-31-2023 | SHEET: 4 OF 15 | C-2     |

CAPITAL PROJECT WTM4SPRW

CONSULTANT DESIGN

# TABLES



Table 1 : Soil Sample Summary Results-Grab Samples  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Sample ID                      | York ID     | NYSDEC Part 375<br>Restricted Use Soil                             | NYSDEC Part 375 Restricted<br>Use Soil Cleanup | NYSDEC Part 375<br>Restricted Use<br>Soil Cleanup<br>Objectives -<br>Restricted<br>Residential | WC-1 (g)                 |            | WC-2 (g)                 |            | WC-3 (g)                 |            | WC-4 (g)                 |            | WC-5 (g)                 |      | WC-6 (g)                 |      | WC-7 (g)                 |      | WC-8 (g)                 |      |
|--------------------------------|-------------|--|--|--|--------------------------|------------|--------------------------|------------|--------------------------|------------|--------------------------|------------|--------------------------|------|--------------------------|------|--------------------------|------|--------------------------|------|
|                                |             |  |  |  | 24D1795-02               | 24D1795-04 | 24D1795-06               | 24D1795-08 | 24D1795-10               | 24D1795-12 | 24D1795-14               | 24D1795-16 |                          |      |                          |      |                          |      |                          |      |
| Sampling Date                  |             | Cleanup<br>Objectives-<br>Protection of<br>Ecological<br>Resources | Protection of<br>GW                            |  | 4/26/2024<br>11:19:00 AM |            | 4/26/2024<br>11:19:00 AM |            | 4/26/2024<br>11:19:00 AM |            | 4/26/2024<br>11:19:00 AM |            | 4/26/2024<br>11:19:00 AM |      | 4/26/2024<br>11:19:00 AM |      | 4/26/2024<br>11:19:00 AM |      | 4/26/2024<br>11:19:00 AM |      |
| Client Matrix                  |             |  |  |  | Soil                     | Soil       | Soil                     | Soil       | Soil                     | Soil       | Soil                     | Soil       | Soil                     | Soil | Soil                     | Soil | Soil                     | Soil | Soil                     | Soil |
| Compound                       | CAS Number  |  |  |  | Result                   | Q          | Result                   | Q          | Result                   | Q          | Result                   | Q          | Result                   | Q    | Result                   | Q    | Result                   | Q    | Result                   | Q    |
| Dichlorodifluoromethane        | 75-71-8     | ~  | ~  | ~  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| Ethyl Benzene                  | 100-41-4    | ~  | 1  | 41   | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| Hexachlorobutadiene            | 87-68-3     | ~  | ~  | ~  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| Isopropylbenzene               | 98-82-8     | ~  | ~  | ~  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| Methyl acetate                 | 79-20-9     | ~  | ~  | ~  | 0.00290                  | U          | 0.00810                  |            | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| Methyl tert-butyl ether (MTBE) | 1634-04-4   | ~  | 0.93   | 100  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| Methylcyclohexane              | 108-87-2    | ~  | ~  | ~  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| Methylene chloride             | 75-09-2     | 12   | 0.05   | 100  | 0.00580                  | U          | 0.00510                  | U          | 0.00510                  | U          | 0.00520                  | U          | 0.00570                  | U    | 0.00480                  | U    | 0.00600                  | U    | 0.00580                  | U    |
| n-Butylbenzene                 | 104-51-8    | ~  | 12   | 100  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| n-Propylbenzene                | 103-65-1    | ~  | 3.9  | 100  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| o-Xylene                       | 95-47-6     | ~  | ~  | ~  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| p- & m- Xylenes                | 179601-23-1 | ~  | ~  | ~  | 0.00580                  | U          | 0.00510                  | U          | 0.00510                  | U          | 0.00520                  | U          | 0.00570                  | U    | 0.00480                  | U    | 0.00600                  | U    | 0.00580                  | U    |
| p-Isopropyltoluene             | 99-87-6     | ~  | ~  | ~  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| sec-Butylbenzene               | 135-98-8    | ~  | 11   | 100  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| Styrene                        | 100-42-5    | ~  | ~  | ~  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| tert-Butyl alcohol (TBA)       | 75-65-0     | ~  | ~  | ~  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| tert-Butylbenzene              | 98-06-6     | ~  | 5.9  | 100  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| Tetrachloroethylene            | 127-18-4    | 2  | 1.3  | 19   | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| Toluene                        | 108-88-3    | 36   | 0.7  | 100  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| trans-1,2-Dichloroethylene     | 156-60-5    | ~  | 0.19   | 100  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| trans-1,3-Dichloropropylene    | 10061-02-6  | ~  | ~  | ~  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| trans-1,4-dichloro-2-butene    | 110-57-6    | ~  | ~  | ~  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| Trichloroethylene              | 79-01-6     | 2  | 0.47   | 21   | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| Trichlorofluoromethane         | 75-69-4     | ~  | ~  | ~  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| Vinyl Chloride                 | 75-01-4     | ~  | 0.02   | 0.9  | 0.00290                  | U          | 0.00250                  | U          | 0.00250                  | U          | 0.00260                  | U          | 0.00290                  | U    | 0.00240                  | U    | 0.00300                  | U    | 0.00290                  | U    |
| Xylenes, Total                 | 1330-20-7   | 0.26   | 1.6  | 100  | 0.00870                  | U          | 0.00760                  | U          | 0.00760                  | U          | 0.00780                  | U          | 0.00860                  | U    | 0.00710                  | U    | 0.00890                  | U    | 0.00870                  | U    |

NOTES:  
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Q is the Qualifier Column with definitions as follows:  
 D=result is from an analysis that required a dilution  
 J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated  
 U=analyte not detected at or above the level indicated  
 B=analyte found in the analysis batch blank  
 E=result is estimated and cannot be accurately reported due to levels encountered or interferences  
 P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference  
 difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis  
 NT=this indicates the analyte was not a target for this sample  
 ~=this indicates that no regulatory limit has been established for this analyte



Table 1 : Soil Sample Summary Results-Grab Samples  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Sample ID                      | York ID     | NYSDEC Part 375<br>Restricted Use Soil<br>Cleanup Objectives-<br>Protection of<br>Ecological<br>Resources | NYSDEC Part 375 Restricted<br>Use Soil<br>Cleanup<br>Objectives-<br>Protection of<br>GW | NYSDEC Part 375<br>Restricted Use<br>Soil Cleanup<br>Objectives -<br>Restricted<br>Residential | WC-9 (g)                 |            | WC-10 (g)                |            | WC-11 (g)                |            | WC-12 (g)                |            | WC-13 (g)                |            | WC-14 (g)                |            | WC-15 (g)                |            | WC-16 (g)                |            |
|--------------------------------|-------------|---|---|--|--------------------------|------------|--------------------------|------------|--------------------------|------------|--------------------------|------------|--------------------------|------------|--------------------------|------------|--------------------------|------------|--------------------------|------------|
|                                |             |   |   |  | 24D1795-18               | 24D1795-18 | 24D1795-20               | 24D1795-20 | 24D1795-22               | 24D1795-22 | 24D1795-24               | 24D1795-24 | 24D1795-26               | 24D1795-26 | 24D1795-28               | 24D1795-28 | 24D1795-30               | 24D1795-30 | 24D1795-32               | 24D1795-32 |
| Sampling Date                  |             |   |   |  | 4/26/2024<br>11:19:00 AM |            | 4/26/2024<br>11:19:00 AM |            | 4/26/2024<br>11:19:00 AM |            | 4/26/2024<br>11:19:00 AM |            | 4/26/2024<br>11:19:00 AM |            | 4/26/2024<br>11:19:00 AM |            | 4/26/2024<br>11:19:00 AM |            | 4/26/2024<br>11:19:00 AM |            |
| Client Matrix                  |             |   |   |  | Soil                     |            | Soil                     |            | Soil                     |            | Soil                     |            | Soil                     |            | Soil                     |            | Soil                     |            | Soil                     |            |
| Compound                       | CAS Number  |   |   |  | Result                   | Q          | Result                   | Q          | Result                   | Q          | Result                   | Q          | Result                   | Q          | Result                   | Q          | Result                   | Q          | Result                   | Q          |
| Dichlorodifluoromethane        | 75-71-8     | ~   | ~   | ~  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| Ethyl Benzene                  | 100-41-4    | ~   | 1   | 41   | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| Hexachlorobutadiene            | 87-68-3     | ~   | ~   | ~  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| Isopropylbenzene               | 98-82-8     | ~   | ~   | ~  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| Methyl acetate                 | 79-20-9     | ~   | ~   | ~  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| Methyl tert-butyl ether (MTBE) | 1634-04-4   | ~   | 0.93  | 100  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| Methylcyclohexane              | 108-87-2    | ~   | ~   | ~  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| Methylene chloride             | 75-09-2     | 12  | 0.05  | 100  | 0.00530                  | U          | 0.00610                  | U          | 0.00570                  | U          | 0.00610                  | U          | 0.00690                  | U          | 0.00640                  | U          | 0.00540                  | U          | 0.00600                  | U          |
| n-Butylbenzene                 | 104-51-8    | ~   | 12  | 100  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| n-Propylbenzene                | 103-65-1    | ~   | 3.9   | 100  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| o-Xylene                       | 95-47-6     | ~   | ~   | ~  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| p- & m- Xylenes                | 179601-23-1 | ~   | ~   | ~  | 0.00530                  | U          | 0.00610                  | U          | 0.00570                  | U          | 0.00610                  | U          | 0.00690                  | U          | 0.00640                  | U          | 0.00540                  | U          | 0.00600                  | U          |
| p-Isopropyltoluene             | 99-87-6     | ~   | ~   | ~  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| sec-Butylbenzene               | 135-98-8    | ~   | 11  | 100  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| Styrene                        | 100-42-5    | ~   | ~   | ~  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| tert-Butyl alcohol (TBA)       | 75-65-0     | ~   | ~   | ~  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| tert-Butylbenzene              | 98-06-6     | ~   | 5.9   | 100  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| Tetrachloroethylene            | 127-18-4    | 2   | 1.3   | 19   | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| Toluene                        | 108-88-3    | 36  | 0.7   | 100  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| trans-1,2-Dichloroethylene     | 156-60-5    | ~   | 0.19  | 100  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| trans-1,3-Dichloropropylene    | 10061-02-6  | ~   | ~   | ~  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| trans-1,4-dichloro-2-butene    | 110-57-6    | ~   | ~   | ~  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| Trichloroethylene              | 79-01-6     | 2   | 0.47  | 21   | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| Trichlorofluoromethane         | 75-69-4     | ~   | ~   | ~  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| Vinyl Chloride                 | 75-01-4     | ~   | 0.02  | 0.9  | 0.00270                  | U          | 0.00300                  | U          | 0.00290                  | U          | 0.00300                  | U          | 0.00340                  | U          | 0.00320                  | U          | 0.00270                  | U          | 0.00300                  | U          |
| Xylenes, Total                 | 1330-20-7   | 0.26  | 1.6   | 100  | 0.00800                  | U          | 0.00910                  | U          | 0.00860                  | U          | 0.00910                  | U          | 0.0100                   | U          | 0.00950                  | U          | 0.00800                  | U          | 0.00900                  | U          |

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 difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis  
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Table 2 : Soil Sample Summary Results-Composite Samples  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Sample ID                                  | York ID    | NYSDEC Part 375<br>Restricted Use Soil<br>Cleanup Objectives-<br>Protection of<br>Ecological<br>Resources | NYSDEC Part 375 Restricted<br>Use Soil<br>Cleanup Objectives-<br>Protection of<br>GW | NYSDEC Part 375<br>Restricted Use<br>Soil Cleanup<br>Objectives -<br>Restricted<br>Residential | WC-1                     |   | WC-2                     |   | WC-3                     |   | WC-4                     |   | WC-5                     |   | WC-6                     |   | WC-7                     |   | WC-8                     |   |
|--|------------|---|--|--|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|
|  |            |   |  |  | 24D1795-01               |   | 24D1795-03               |   | 24D1795-05               |   | 24D1795-07               |   | 24D1795-09               |   | 24D1795-11               |   | 24D1795-13               |   | 24D1795-15               |   |
|  |            |   |  |  | 4/26/2024<br>11:19:00 AM |   | 4/26/2024<br>11:19:00 AM |   | 4/26/2024<br>11:19:00 AM |   | 4/26/2024<br>11:19:00 AM |   | 4/26/2024<br>11:19:00 AM |   | 4/26/2024<br>11:19:00 AM |   | 4/26/2024<br>11:19:00 AM |   | 4/26/2024<br>11:19:00 AM |   |
| Client Matrix                              | CAS Number |   |  |  | Soil                     |   | Soil                     |   | Soil                     |   | Soil                     |   | Soil                     |   | Soil                     |   | Soil                     |   | Soil                     |   |
| Compound                                   |            |   |  |  | Result                   | Q | Result                   | Q | Result                   | Q | Result                   | Q | Result                   | Q | Result                   | Q | Result                   | Q | Result                   | Q |
| Aldrin                                     | 309-00-2   | 0.14  | 0.19   | 0.097  | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| alpha-BHC                                  | 319-84-6   | 0.04  | 0.02   | 0.48   | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| alpha-Chlordane                            | 5103-71-9  | 1.3   | 2.9  | 4.2  | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| beta-BHC                                   | 319-85-7   | 0.6   | 0.09   | 0.36   | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| Chlordane, total                           | 57-74-9    | ~   | ~  | ~  | 0.0384                   | U | 0.0405                   | U | 0.0408                   | U | 0.0397                   | U | 0.0392                   | U | 0.0383                   | U | 0.0418                   | U | 0.0460                   | U |
| delta-BHC                                  | 319-86-8   | 0.04  | 0.25   | 100  | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| Dieldrin                                   | 60-57-1    | 0.006   | 0.1  | 0.2  | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| Endosulfan I                               | 959-98-8   | ~   | 102  | 24   | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| Endosulfan II                              | 33213-65-9 | ~   | 102  | 24   | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| Endosulfan sulfate                         | 1031-07-8  | ~   | 1000   | 24   | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| Endrin                                     | 72-20-8    | 0.014   | 0.06   | 11   | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| Endrin aldehyde                            | 7421-93-4  | ~   | ~  | ~  | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| Endrin ketone                              | 53494-70-5 | ~   | ~  | ~  | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| gamma-BHC (Lindane)                        | 58-89-9    | 6   | 0.1  | 1.3  | NT                       |   | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| gamma-BHC (Lindane) [2C]                   | 58-89-9    | ~   | ~  | ~  | 0.00192                  | U | NT                       |   | NT                       |   | NT                       |   | NT                       |   | NT                       |   | NT                       |   | NT                       |   |
| gamma-Chlordane                            | 5566-34-7  | ~   | ~  | ~  | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| Heptachlor                                 | 76-44-8    | 0.14  | 0.38   | 2.1  | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| Heptachlor epoxide                         | 1024-57-3  | ~   | ~  | ~  | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| Methoxychlor                               | 72-43-5    | ~   | ~  | ~  | 0.00192                  | U | 0.00203                  | U | 0.00204                  | U | 0.00198                  | U | 0.00196                  | U | 0.00191                  | U | 0.00209                  | U | 0.00230                  | U |
| Toxaphene                                  | 8001-35-2  | ~   | ~  | ~  | 0.192                    | U | 0.203                    | U | 0.204                    | U | 0.198                    | U | 0.196                    | U | 0.191                    | U | 0.209                    | U | 0.230                    | U |
| <b>NJDEP EPH (Cat. 2 Non-Fractionated)</b> |            |   |  |  | mg/kg                    |   | mg/kg                    |   | mg/kg                    |   | mg/kg                    |   | mg/kg                    |   | mg/kg                    |   | mg/kg                    |   | mg/kg                    |   |
| <b>Dilution Factor</b>                     |            |   |  |  | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   |
| Total EPH                                  |            | ~   | ~  | ~  | 411                      |   | 59.800                   | U | 61.300                   | U | 59.700                   | U | 209                      |   | 91.100                   |   | 62.900                   | U | 67.900                   | U |
| <b>Metals, Target Analyte</b>              |            |   |  |  | mg/Kg                    |   | mg/Kg                    |   | mg/Kg                    |   | mg/Kg                    |   | mg/Kg                    |   | mg/Kg                    |   | mg/Kg                    |   | mg/Kg                    |   |
| <b>Dilution Factor</b>                     |            |   |  |  | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   |
| Aluminum                                   | 7429-90-5  | ~   | ~  | ~  | 10,800                   |   | 5,330                    |   | 3,570                    |   | 2,930                    |   | 10,400                   |   | 9,370                    |   | 3,070                    |   | 3,550                    |   |
| Antimony                                   | 7440-36-0  | ~   | ~  | ~  | 4.420                    |   | 2.570                    | U | 2.580                    | U | 2.510                    | U | 2.480                    | U | 2.420                    | U | 2.650                    | U | 2.910                    | U |
| Arsenic                                    | 7440-38-2  | 13  | 16   | 16   | 7.580                    |   | 3.280                    |   | 1.770                    |   | 2.270                    |   | 6.940                    |   | 3.990                    |   | 2.650                    |   | 2.940                    |   |
| Barium                                     | 7440-39-3  | 433   | 820  | 400  | 268                      |   | 157                      |   | 21.100                   |   | 11.500                   |   | 126                      |   | 90.100                   |   | 41.500                   |   | 14.900                   |   |
| Beryllium                                  | 7440-41-7  | 10  | 47   | 72   | 0.0490                   | U | 0.0520                   | U | 0.0520                   | U | 0.0510                   | U | 0.355                    |   | 0.0490                   | U | 0.0530                   | U | 0.0590                   | U |
| Cadmium                                    | 7440-43-9  | 4   | 7.5  | 4.3  | 4.270                    |   | 0.800                    |   | 0.432                    |   | 0.441                    |   | 1.130                    |   | 0.591                    |   | 0.545                    |   | 0.350                    | U |
| Calcium                                    | 7440-70-2  | ~   | ~  | ~  | 3,810                    |   | 1,610                    |   | 521                      |   | 1,050                    |   | 27,200                   |   | 5,800                    |   | 5,800                    |   | 1,110                    |   |
| Chromium                                   | 7440-47-3  | ~   | ~  | ~  | 181                      |   | 13.100                   |   | 8.500                    |   | 8.590                    |   | 20.900                   |   | 19.100                   |   | 8.110                    |   | 10.100                   |   |
| Cobalt                                     | 7440-48-4  | ~   | ~  | ~  | 6.800                    |   | 3.640                    |   | 3.600                    |   | 3.230                    |   | 8.660                    |   | 7.450                    |   | 3.610                    |   | 3.410                    |   |
| Copper                                     | 7440-50-8  | 50  | 1720   | 270  | 357                      |   | 29.400                   |   | 11.400                   |   | 20.200                   |   | 138                      |   | 180                      |   | 23.400                   |   | 9.550                    |   |
| Iron                                       | 7439-89-6  | ~   | ~  | ~  | 19,900                   |   | 8,620                    |   | 4,820                    |   | 5,680                    |   | 17,700                   |   | 11,700                   |   | 7,150                    |   | 6,890                    |   |
| Lead                                       | 7439-92-1  | 63  | 450  | 400  | 522                      |   | 308                      |   | 6.710                    |   | 18.700                   |   | 369                      |   | 306                      |   | 59                       |   | 10.900                   |   |
| Magnesium                                  | 7439-95-4  | ~   | ~  | ~  | 2,860                    |   | 1,690                    |   | 1,350                    |   | 1,460                    |   | 15,700                   |   | 3,220                    |   | 1,230                    |   | 1,590                    |   |
| Manganese                                  | 7439-96-5  | 1600  | 2000   | 2000   | 290                      |   | 113                      |   | 48.500                   |   | 83.600                   |   | 270                      |   | 233                      |   | 270                      |   | 105                      |   |
| Nickel                                     | 7440-02-0  | 30  | 130  | 310  | 55.400                   |   | 20.400                   |   | 22                       |   | 23                       |   | 34.200                   |   | 83.700                   |   | 22.400                   |   | 19.400                   |   |
| Potassium                                  | 7440-09-7  | ~   | ~  | ~  | 951                      | B | 733                      | B | 729                      | B | 783                      | B | 967                      | B | 1,250                    | B | 555                      | B | 701                      | B |
| Selenium                                   | 7782-49-2  | 3.9   | 4  | 180  | 2.430                    | U | 2.570                    | U | 2.580                    | U | 2.510                    | U | 2.480                    | U | 2.420                    | U | 2.650                    | U | 2.910                    | U |
| Silver                                     | 7440-22-4  | 2   | 8.3  | 180  | 0.490                    | U | 0.518                    | U | 0.520                    | U | 0.507                    | U | 0.501                    | U | 0.489                    | U | 0.534                    | U | 0.588                    | U |

Table 2 : Soil Sample Summary Results-Composite Samples  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Sample ID                                    | York ID    | NYSDEC Part 375<br>Restricted Use Soil<br>Cleanup Objectives-<br>Protection of<br>Ecological<br>Resources | NYSDEC Part<br>375 Restricted<br>Use Soil<br>Cleanup<br>Objectives-<br>Protection of<br>GW | NYSDEC Part 375<br>Restricted Use<br>Soil Cleanup<br>Objectives -<br>Restricted<br>Residential | WC-1                     |                          | WC-2                     |                          | WC-3                     |                          | WC-4                     |                          | WC-5                     |                          | WC-6                     |                          | WC-7                     |                          | WC-8                     |                          |
|--|------------|---|--|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|  |            |   |  |  | 24D1795-01               | 24D1795-03               | 24D1795-05               | 24D1795-07               | 24D1795-09               | 24D1795-11               | 24D1795-13               | 24D1795-15               |                          |                          |                          |                          |                          |                          |                          |                          |
| Sampling Date                                |            |   |  |  | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM |
| Client Matrix                                |            |   |  |  | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     |
| Compound                                     | CAS Number |   |  |  | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        |
| Sodium                                       | 7440-23-5  | ~   | ~  | ~  | 109                      |                          | 106                      |                          | 385                      |                          | 1,130                    |                          | 171                      |                          | 454                      |                          | 257                      |                          | 298                      |                          |
| Vanadium                                     | 7440-62-2  | ~   | ~  | ~  | 22.400                   |                          | 17                       |                          | 10.200                   |                          | 9.780                    |                          | 36.400                   |                          | 18.700                   |                          | 16.700                   |                          | 10.600                   |                          |
| Zinc   | 7440-66-6  | 109   | 2480   | 10000  | 1,190                    |                          | 154                      |                          | 87.200                   |                          | 161                      |                          | 804                      |                          | 18,000                   | D                        | 198                      |                          | 34.700                   |                          |
| <b>Thallium by EPA 6020</b>                  |            |   |  |  | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          |
| <b>Dilution Factor</b>                       |            |   |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Thallium                                     | 7440-28-0  | ~   | ~  | ~  | 0.100                    | U                        | 0.103                    | U                        | 0.103                    | U                        | 0.101                    | U                        | 0.100                    | U                        | 0.100                    | U                        | 0.106                    | U                        | 0.117                    | U                        |
| <b>Mercury by 7473</b>                       |            | mg/Kg   | mg/Kg  | mg/Kg  | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          |
| <b>Dilution Factor</b>                       |            |   |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Mercury                                      | 7439-97-6  | 0.18  | 0.73   | 0.81   | 0.543                    |                          | 0.247                    |                          | 0.0372                   | U                        | 0.0362                   | U                        | 0.195                    |                          | 0.985                    |                          | 0.0381                   | U                        | 0.0420                   | U                        |
| <b>Chromium, Hexavalent</b>                  |            | mg/Kg   | mg/Kg  | mg/Kg  | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          |
| <b>Dilution Factor</b>                       |            |   |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Chromium, Hexavalent                         | 18540-29-9 | 1   | 19   | 110  | 0.583                    | U                        | 0.616                    | U                        | 0.620                    | U                        | 0.603                    | U                        | 0.596                    | U                        | 0.582                    | U                        | 0.635                    | U                        | 0.699                    | U                        |
| <b>Corrosivity (pH) by SM 4500/EPA 9045D</b> |            |   |  |  | pH units                 |                          | pH units                 |                          | pH units                 |                          | pH units                 |                          | pH units                 |                          | pH units                 |                          | pH units                 |                          | pH units                 |                          |
| <b>Dilution Factor</b>                       |            |   |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| pH   |            | ~   | ~  | ~  | 7.250                    |                          | 7.220                    |                          | 7.930                    |                          | 7.070                    |                          | 7.200                    |                          | 7.820                    |                          | 7.440                    |                          | 7.320                    |                          |
| <b>Cyanide, Total</b>                        |            |   | mg/Kg  | mg/Kg  | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          |
| <b>Dilution Factor</b>                       |            |   |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Cyanide, total                               | 57-12-5    | ~   | 40   | 27   | 0.583                    | U                        | 0.616                    | U                        | 0.620                    | U                        | 0.603                    | U                        | 0.596                    | U                        | 0.582                    | U                        | 0.635                    | U                        | 0.699                    | U                        |
| <b>Ignitability</b>                          |            |   |  |  | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          |
| <b>Dilution Factor</b>                       |            |   |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Ignitability                                 |            | ~   | ~  | ~  | Non-Ignit.               |                          | Non-Ignit.               |                          | Non-Ignit.               |                          | Non-Ignit.               |                          | Non-Ignit.               |                          | Non-Ignit.               |                          | Non-Ignit.               |                          | Non-Ignit.               |                          |
| <b>Paint Filter Test</b>                     |            |   |  |  | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          |
| <b>Dilution Factor</b>                       |            |   |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Paint Filter Test                            |            | ~   | ~  | ~  | No Free Liqui            |                          | o Free Liqui             |                          | o Free Liqui             |                          | o Free Liqui             |                          | o Free Liqui             |                          | o Free Liqui             |                          | o Free Liqui             |                          | o Free Liqui             |                          |
| <b>Reactivity-Cyanide</b>                    |            |   |  |  | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          |
| <b>Dilution Factor</b>                       |            |   |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Reactivity - Cyanide                         |            | ~   | ~  | ~  | 0.250                    | U                        | 0.250                    | U                        | 0.250                    | U                        | 0.250                    | U                        | 0.250                    | U                        | 0.250                    | U                        | 0.250                    | U                        | 0.250                    | U                        |
| <b>Reactivity-Sulfide</b>                    |            |   |  |  | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          |
| <b>Dilution Factor</b>                       |            |   |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Reactivity - Sulfide                         |            | ~   | ~  | ~  | 32                       |                          | 16                       |                          | 64                       |                          | 32                       |                          | 40                       |                          | 48                       |                          | 56                       |                          | 48                       |                          |
| <b>SPLP Extraction for WET CHEM EPA 1312</b> |            |   |  |  | N/A                      |                          | N/A                      |                          | N/A                      |                          | N/A                      |                          | N/A                      |                          | N/A                      |                          | N/A                      |                          | N/A                      |                          |
| <b>Dilution Factor</b>                       |            |   |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| SPLP Extraction                              |            | ~   | ~  | ~  | Completed                |                          | Completed                |                          | Completed                |                          | Completed                |                          | Completed                |                          | Completed                |                          | Completed                |                          | Completed                |                          |
| Temperature                                  |            |   |  |  | °C                       |                          | °C                       |                          | °C                       |                          | °C                       |                          | °C                       |                          | °C                       |                          | °C                       |                          | °C                       |                          |
| <b>Dilution Factor</b>                       |            |   |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Temperature                                  |            | ~   | ~  | ~  | 23.700                   |                          | 23.600                   |                          | 23.500                   |                          | 23.500                   |                          | 23.600                   |                          | 23.600                   |                          | 23.500                   |                          | 23.500                   |                          |
| <b>Total Solids</b>                          |            |   |  |  | %                        |                          | %                        |                          | %                        |                          | %                        |                          | %                        |                          | %                        |                          | %                        |                          | %                        |                          |
| <b>Dilution Factor</b>                       |            |   |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| % Solids                                     | solids     | ~   | ~  | ~  | 85.800                   |                          | 81.100                   |                          | 80.700                   |                          | 82.900                   |                          | 83.900                   |                          | 85.900                   |                          | 78.700                   |                          | 71.500                   |                          |
| <b>Chloride, SPLP</b>                        |            |   |  |  | mg/L                     |                          | mg/L                     |                          | mg/L                     |                          | mg/L                     |                          | mg/L                     |                          | mg/L                     |                          | mg/L                     |                          | mg/L                     |                          |
| <b>Dilution Factor</b>                       |            |   |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 10                       |                          | 1                        |                          | 1                        |                          | 1                        |                          | 10                       |                          |
| Chloride                                     | 16887-00-6 | ~   | ~  | ~  | 1.970                    |                          | 2.800                    |                          | 19.800                   |                          | 50                       | D                        | 5.100                    |                          | 26.800                   |                          | 10                       |                          | 65.500                   | D                        |
| <b>Herbicides, Target List</b>               |            |   | mg/Kg  | mg/Kg  | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          |

Table 2 : Soil Sample Summary Results-Composite Samples  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Sample ID                              |            | NYSDEC Part 375<br>Restricted Use Soil<br>Cleanup<br>Objectives-<br>Protection of<br>Ecological<br>Resources | NYSDEC Part<br>375 Restricted<br>Use Soil<br>Cleanup<br>Objectives-<br>Protection of<br>GW | NYSDEC Part 375<br>Restricted Use<br>Soil Cleanup<br>Objectives -<br>Restricted<br>Residential | WC-1                     |                          | WC-2                     |                          | WC-3                     |                          | WC-4                     |                          | WC-5 |        | WC-6 |        | WC-7 |        | WC-8 |        |   |        |   |
|--|------------|--|--|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------|--------|------|--------|------|--------|------|--------|---|--------|---|
| York ID                                |            |  |  |  | 24D1795-01               | 24D1795-03               | 24D1795-05               | 24D1795-07               | 24D1795-09               | 24D1795-11               | 24D1795-13               | 24D1795-15               |      |        |      |        |      |        |      |        |   |        |   |
| Sampling Date                          |            |  |  |  | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM |      |        |      |        |      |        |      |        |   |        |   |
| Client Matrix                          |            | Soil   | Soil   | Soil   | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     | Soil | Soil   | Soil | Soil   | Soil | Soil   | Soil | Soil   |   |        |   |
| Compound                               | CAS Number | Result   | Q  | Result   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q    | Result | Q    | Result | Q    | Result | Q    | Result | Q |        |   |
| <b>Dilution Factor</b>                 |            | 1  |  | 1  |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |      | 1      |      | 1      |      | 1      |      | 1      |   |        |   |
| 2,4,5-T                                | 93-76-5    | ~  |  | ~  |                          | 0.0232                   | U                        | 0.0246                   | U                        | 0.0247                   | U                        | 0.0241                   | U    | 0.0238 | U    | 0.0232 | U    | 0.0252 | U    | 0.0279 | U |        |   |
| 2,4,5-TP (Silvex)                      | 93-72-1    | ~  |  | 3.8  |                          | 100                      |                          | 0.0232                   | U                        | 0.0246                   | U                        | 0.0247                   | U    | 0.0241 | U    | 0.0238 | U    | 0.0232 | U    | 0.0252 | U | 0.0279 | U |
| 2,4-D                                  | 94-75-7    | ~  |  | ~  |                          | 0.0232                   | U                        | 0.0246                   | U                        | 0.0247                   | U                        | 0.0241                   | U    | 0.0238 | U    | 0.0232 | U    | 0.0252 | U    | 0.0279 | U |        |   |
| <b>Polychlorinated Biphenyls (PCB)</b> |            | mg/Kg  |  | mg/Kg  |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |      | mg/Kg  |      | mg/Kg  |      | mg/Kg  |      | mg/Kg  |   |        |   |
| <b>Dilution Factor</b>                 |            | 10   |  | 1  |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |      | 1      |      | 1      |      | 1      |      | 1      |   |        |   |
| Aroclor 1016                           | 12674-11-2 | ~  |  | ~  |                          | 0.0194                   | U                        | 0.0205                   | U                        | 0.0206                   | U                        | 0.0200                   | U    | 0.0198 | U    | 0.0193 | U    | 0.0211 | U    | 0.0232 | U |        |   |
| Aroclor 1221                           | 11104-28-2 | ~  |  | ~  |                          | 0.0194                   | U                        | 0.0205                   | U                        | 0.0206                   | U                        | 0.0200                   | U    | 0.0198 | U    | 0.0193 | U    | 0.0211 | U    | 0.0232 | U |        |   |
| Aroclor 1232                           | 11141-16-5 | ~  |  | ~  |                          | 0.0194                   | U                        | 0.0205                   | U                        | 0.0206                   | U                        | 0.0200                   | U    | 0.0198 | U    | 0.0193 | U    | 0.0211 | U    | 0.0232 | U |        |   |
| Aroclor 1242                           | 53469-21-9 | ~  |  | ~  |                          | 0.0194                   | U                        | 0.0205                   | U                        | 0.0206                   | U                        | 0.0200                   | U    | 0.0198 | U    | 0.0193 | U    | 0.0211 | U    | 0.0232 | U |        |   |
| Aroclor 1248                           | 12672-29-6 | ~  |  | ~  |                          | 0.0194                   | U                        | 0.0205                   | U                        | 0.0206                   | U                        | 0.0200                   | U    | 0.0198 | U    | 0.0193 | U    | 0.0211 | U    | 0.0232 | U |        |   |
| Aroclor 1254                           | 11097-69-1 | ~  |  | ~  |                          | 5.310                    | D                        | 0.0205                   | U                        | 0.0206                   | U                        | 0.0200                   | U    | 0.0288 |      | 0.0193 | U    | 0.0211 | U    | 0.0232 | U |        |   |
| Aroclor 1260                           | 11096-82-5 | ~  |  | ~  |                          | 0.0194                   | U                        | 0.0205                   | U                        | 0.0206                   | U                        | 0.0200                   | U    | 0.0198 | U    | 0.0193 | U    | 0.0211 | U    | 0.0232 | U |        |   |
| Aroclor 1262                           | 37324-23-5 | ~  |  | ~  |                          | 0.0194                   | U                        | 0.0205                   | U                        | 0.0206                   | U                        | 0.0200                   | U    | 0.0198 | U    | 0.0193 | U    | 0.0211 | U    | 0.0232 | U |        |   |
| Aroclor 1268                           | 11100-14-4 | ~  |  | ~  |                          | 0.0194                   | U                        | 0.0205                   | U                        | 0.0206                   | U                        | 0.0200                   | U    | 0.0198 | U    | 0.0193 | U    | 0.0211 | U    | 0.0232 | U |        |   |
| Total PCBs                             | 1336-36-3  | 1  |  | 3.2  |                          | 5.310                    | D                        | 0.0205                   | U                        | 0.0206                   | U                        | 0.0200                   | U    | 0.0288 |      | 0.0193 | U    | 0.0211 | U    | 0.0232 | 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

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a

% difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte



Table 2 : Soil Sample Summary Results-Composite Samples  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Sample ID                           | York ID    | NYSDEC Part 375<br>Restricted Use Soil<br>Cleanup Objectives-<br>Protection of<br>Ecological<br>Resources | NYSDEC Part<br>375 Restricted<br>Use Soil<br>Cleanup<br>Objectives-<br>Protection of<br>GW | NYSDEC Part 375<br>Restricted Use<br>Soil Cleanup<br>Objectives -<br>Restricted<br>Residential | WC-9                     |                          | WC-10                    |                          | WC-11                    |                          | WC-12                    |                          | WC-13                    |                          | WC-14                    |                          | WC-15                    |                          | WC-16                    |                          |
|-------------------------------------|------------|---|--|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                     |            |   |  |  | 24D1795-17               | 24D1795-19               | 24D1795-21               | 24D1795-23               | 24D1795-25               | 24D1795-27               | 24D1795-29               | 24D1795-31               |                          |                          |                          |                          |                          |                          |                          |                          |
| Sampling Date                       |            |   |  |  | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM |
| Client Matrix                       |            |   |  |  | Soil                     |                          | Soil                     |                          | Soil                     |                          | Soil                     |                          | Soil                     |                          | Soil                     |                          | Soil                     |                          | Soil                     |                          |
| Compound                            | CAS Number |   |  |  | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        |
| Benzo(a)pyrene                      | 50-32-8    | 2.6   | 22   | 1  | 0.0263                   | U                        | 0.0830                   |                          | 0.0264                   | U                        | 0.0264                   | U                        | 0.316                    |                          | 0.0319                   | U                        | 0.0271                   | U                        | 0.438                    |                          |
| Benzo(b)fluoranthene                | 205-99-2   | ~   | 1.7  | 1  | 0.0263                   | U                        | 0.109                    |                          | 0.0332                   | J                        | 0.0264                   | U                        | 0.411                    |                          | 0.0319                   | U                        | 0.0271                   | U                        | 0.589                    |                          |
| Benzo(g,h,i)perylene                | 191-24-2   | ~   | 1000   | 100  | 0.0263                   | U                        | 0.105                    |                          | 0.0378                   | J                        | 0.0264                   | U                        | 0.214                    |                          | 0.0319                   | U                        | 0.0271                   | U                        | 0.252                    |                          |
| Benzo(k)fluoranthene                | 207-08-9   | ~   | 1.7  | 3.9  | 0.0263                   | U                        | 0.0347                   | J                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.124                    |                          | 0.0319                   | U                        | 0.0271                   | U                        | 0.189                    |                          |
| Benzoic acid                        | 65-85-0    | ~   | ~  | ~  | 0.0263                   | U                        | 0.133                    |                          | 0.119                    |                          | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Benzyl alcohol                      | 100-51-6   | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Benzyl butyl phthalate              | 85-68-7    | ~   | ~  | ~  | 0.0263                   | U                        | 6.510                    | D                        | 3.830                    | D                        | 0.0264                   | U                        | 1.590                    |                          | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Bis(2-chloroethoxy)methane          | 111-91-1   | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Bis(2-chloroethyl)ether             | 111-44-4   | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Bis(2-chloroisopropyl)ether         | 108-60-1   | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Bis(2-ethylhexyl)phthalate          | 117-81-7   | ~   | ~  | ~  | 0.0263                   | U                        | 8.910                    | D                        | 2.410                    | D                        | 0.0264                   | U                        | 1.040                    |                          | 0.0319                   | U                        | 0.0271                   | U                        | 0.341                    |                          |
| Caprolactam                         | 105-60-2   | ~   | ~  | ~  | 0.0524                   | U                        | 0.0629                   | U                        | 0.0526                   | U                        | 0.0527                   | U                        | 0.0546                   | U                        | 0.0636                   | U                        | 0.0540                   | U                        | 0.0578                   | U                        |
| Carbazole                           | 86-74-8    | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0546                   |                          | 0.0319                   | U                        | 0.0271                   | U                        | 0.0855                   |                          |
| Chrysene                            | 218-01-9   | ~   | 1  | 3.9  | 0.0263                   | U                        | 0.0875                   |                          | 0.0273                   | J                        | 0.0264                   | U                        | 0.340                    |                          | 0.0319                   | U                        | 0.0271                   | U                        | 0.415                    |                          |
| Dibenzo(a,h)anthracene              | 53-70-3    | ~   | 1000   | 0.33   | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0673                   |                          | 0.0319                   | U                        | 0.0271                   | U                        | 0.0781                   |                          |
| Dibenzofuran                        | 132-64-9   | ~   | 210  | 59   | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Diethyl phthalate                   | 84-66-2    | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Dimethyl phthalate                  | 131-11-3   | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Di-n-butyl phthalate                | 84-74-2    | ~   | ~  | ~  | 0.0263                   | U                        | 0.359                    |                          | 0.103                    |                          | 0.0264                   | U                        | 0.0428                   | J                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.178                    |                          |
| Di-n-octyl phthalate                | 117-84-0   | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Diphenylamine                       | 122-39-4   | ~   | ~  | ~  | 0.0524                   | U                        | 0.0629                   | U                        | 0.0526                   | U                        | 0.0527                   | U                        | 0.0546                   | U                        | 0.0636                   | U                        | 0.0540                   | U                        | 0.0578                   | U                        |
| Fluoranthene                        | 206-44-0   | ~   | 1000   | 100  | 0.0263                   | U                        | 0.144                    |                          | 0.0391                   | J                        | 0.0264                   | U                        | 0.763                    |                          | 0.0319                   | U                        | 0.0271                   | U                        | 0.946                    |                          |
| Fluorene                            | 86-73-7    | 30  | 386  | 100  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0598                   |                          | 0.0319                   | U                        | 0.0271                   | U                        | 0.0587                   |                          |
| Hexachlorobenzene                   | 118-74-1   | ~   | 3.2  | 1.2  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Hexachlorobutadiene                 | 87-68-3    | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Hexachlorocyclopentadiene           | 77-47-4    | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Hexachloroethane                    | 67-72-1    | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Indeno(1,2,3-cd)pyrene              | 193-39-5   | ~   | 8.2  | 0.5  | 0.0263                   | U                        | 0.0870                   |                          | 0.0282                   | J                        | 0.0264                   | U                        | 0.281                    |                          | 0.0319                   | U                        | 0.0271                   | U                        | 0.362                    |                          |
| Isophorone                          | 78-59-1    | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Naphthalene                         | 91-20-3    | ~   | 12   | 100  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0345                   | J                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Nitrobenzene                        | 98-95-3    | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| N-Nitrosodimethylamine              | 62-75-9    | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| N-nitroso-di-n-propylamine          | 621-64-7   | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| N-Nitrosodiphenylamine              | 86-30-6    | ~   | ~  | ~  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Pentachlorophenol                   | 87-86-5    | 0.8   | 0.8  | 6.7  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Phenanthrene                        | 85-01-8    | ~   | 1000   | 100  | 0.0263                   | U                        | 0.0774                   |                          | 0.0264                   | U                        | 0.0264                   | U                        | 0.520                    |                          | 0.0319                   | U                        | 0.0271                   | U                        | 0.656                    |                          |
| Phenol                              | 108-95-2   | 30  | 0.33   | 100  | 0.0263                   | U                        | 0.0315                   | U                        | 0.0264                   | U                        | 0.0264                   | U                        | 0.0274                   | U                        | 0.0319                   | U                        | 0.0271                   | U                        | 0.0290                   | U                        |
| Pyrene                              | 129-00-0   | ~   | 1000   | 100  | 0.0263                   | U                        | 0.182                    |                          | 0.0521                   | J                        | 0.0264                   | U                        | 0.762                    |                          | 0.0319                   | U                        | 0.0271                   | U                        | 0.836                    |                          |
| <b>Pesticides, 8081 target list</b> |            | mg/Kg   | mg/Kg  | mg/Kg  | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          |
| <b>Dilution Factor</b>              |            |   |  |  | 5                        |                          | 5                        |                          | 5                        |                          | 5                        |                          | 5                        |                          | 5                        |                          | 5                        |                          | 5                        |                          |
| 4,4'-DDD                            | 72-54-8    | 0.0033  | 14   | 13   | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U                        |
| 4,4'-DDE                            | 72-55-9    | 0.0033  | 17   | 8.9  | 0.00211                  | U                        | 0.00389                  | D                        | 0.00549                  | D                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U                        |
| 4,4'-DDT                            | 50-29-3    | 0.0033  | 136  | 7.9  | 0.00211                  | U                        | 0.00255                  | U                        | 0.00430                  | DP                       | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U                        |

Table 2 : Soil Sample Summary Results-Composite Samples  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Sample ID                                  | York ID    | NYSDEC Part 375<br>Restricted Use Soil<br>Cleanup Objectives-<br>Protection of<br>Ecological<br>Resources | NYSDEC Part<br>375 Restricted<br>Use Soil<br>Cleanup<br>Objectives-<br>Protection of<br>GW | NYSDEC Part 375<br>Restricted Use<br>Soil Cleanup<br>Objectives -<br>Restricted<br>Residential | WC-9                     |                          | WC-10                    |                          | WC-11                    |                          | WC-12                    |                          | WC-13                    |                          | WC-14                    |                          | WC-15                    |                          | WC-16                    |   |
|--|------------|---|--|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|
|  |            |   |  |  | 24D1795-17               | 24D1795-19               | 24D1795-21               | 24D1795-23               | 24D1795-25               | 24D1795-27               | 24D1795-29               | 24D1795-31               |                          |                          |                          |                          |                          |                          |                          |   |
| Sampling Date                              |            |   |  |  | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM |   |
| Client Matrix                              |            |   |  |  | Soil                     |                          | Soil                     |                          | Soil                     |                          | Soil                     |                          | Soil                     |                          | Soil                     |                          | Soil                     |                          | Soil                     |   |
| Compound                                   | CAS Number |   |  |  | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q |
| Aldrin                                     | 309-00-2   | 0.14  | 0.19   | 0.097  | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| alpha-BHC                                  | 319-84-6   | 0.04  | 0.02   | 0.48   | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| alpha-Chlordane                            | 5103-71-9  | 1.3   | 2.9  | 4.2  | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| beta-BHC                                   | 319-85-7   | 0.6   | 0.09   | 0.36   | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| Chlordane, total                           | 57-74-9    | ~   | ~  | ~  | 0.0421                   | U                        | 0.0509                   | U                        | 0.0419                   | U                        | 0.0421                   | U                        | 0.0435                   | U                        | 0.0505                   | U                        | 0.0429                   | U                        | 0.0461                   | U |
| delta-BHC                                  | 319-86-8   | 0.04  | 0.25   | 100  | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| Dieldrin                                   | 60-57-1    | 0.006   | 0.1  | 0.2  | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| Endosulfan I                               | 959-98-8   | ~   | 102  | 24   | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| Endosulfan II                              | 33213-65-9 | ~   | 102  | 24   | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| Endosulfan sulfate                         | 1031-07-8  | ~   | 1000   | 24   | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| Endrin                                     | 72-20-8    | 0.014   | 0.06   | 11   | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| Endrin aldehyde                            | 7421-93-4  | ~   | ~  | ~  | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| Endrin ketone                              | 53494-70-5 | ~   | ~  | ~  | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| gamma-BHC (Lindane)                        | 58-89-9    | 6   | 0.1  | 1.3  | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| gamma-BHC (Lindane) [2C]                   | 58-89-9    | ~   | ~  | ~  | NT                       |                          | NT                       |                          | NT                       |                          | NT                       |                          | NT                       |                          | NT                       |                          | NT                       |                          | NT                       |   |
| gamma-Chlordane                            | 5566-34-7  | ~   | ~  | ~  | 0.00211                  | U                        | 0.00255                  | U                        | 0.00259                  | DP                       | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| Heptachlor                                 | 76-44-8    | 0.14  | 0.38   | 2.1  | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| Heptachlor epoxide                         | 1024-57-3  | ~   | ~  | ~  | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| Methoxychlor                               | 72-43-5    | ~   | ~  | ~  | 0.00211                  | U                        | 0.00255                  | U                        | 0.00210                  | U                        | 0.00211                  | U                        | 0.00218                  | U                        | 0.00252                  | U                        | 0.00214                  | U                        | 0.00230                  | U |
| Toxaphene                                  | 8001-35-2  | ~   | ~  | ~  | 0.211                    | U                        | 0.255                    | U                        | 0.210                    | U                        | 0.211                    | U                        | 0.218                    | U                        | 0.252                    | U                        | 0.214                    | U                        | 0.230                    | U |
| <b>NJDEP EPH (Cat. 2 Non-Fractionated)</b> |            |   |  |  | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |   |
| <b>Dilution Factor</b>                     |            |   |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |   |
| Total EPH                                  |            | ~   | ~  | ~  | 63.400                   | U                        | 320                      |                          | 117                      |                          | 61.600                   | U                        | 92.500                   |                          | 76                       | U                        | 64.500                   | U                        | 66.700                   | U |
| <b>Metals, Target Analyte</b>              |            |   |  |  | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |   |
| <b>Dilution Factor</b>                     |            |   |  |  | 1                        |                          | 10                       |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |   |
| Aluminum                                   | 7429-90-5  | ~   | ~  | ~  | 11,600                   |                          | 7,320                    |                          | 4,810                    |                          | 3,660                    |                          | 7,110                    |                          | 3,910                    |                          | 2,760                    |                          | 3,790                    |   |
| Antimony                                   | 7440-36-0  | ~   | ~  | ~  | 2.670                    | U                        | 3.230                    | U                        | 2.650                    | U                        | 2.670                    | U                        | 2.760                    | U                        | 3.200                    | U                        | 2.710                    | U                        | 4.830                    |   |
| Arsenic                                    | 7440-38-2  | 13  | 16   | 16   | 4.400                    |                          | 3.290                    |                          | 3.490                    |                          | 1.640                    |                          | 4.550                    |                          | 2.220                    |                          | 1.630                    | U                        | 3.750                    |   |
| Barium                                     | 7440-39-3  | 433   | 820  | 400  | 63.600                   |                          | 165                      |                          | 151                      |                          | 14.900                   |                          | 85.200                   |                          | 15                       |                          | 9.260                    |                          | 12.900                   |   |
| Beryllium                                  | 7440-41-7  | 10  | 47   | 72   | 0.0540                   | U                        | 0.0650                   | U                        | 0.0540                   | U                        | 0.0540                   | U                        | 0.0560                   | U                        | 0.0640                   | U                        | 0.0550                   | U                        | 0.0590                   | U |
| Cadmium                                    | 7440-43-9  | 4   | 7.5  | 4.3  | 0.404                    |                          | 1.790                    |                          | 1.720                    |                          | 0.320                    | U                        | 1.020                    |                          | 0.384                    | U                        | 0.326                    | U                        | 0.408                    |   |
| Calcium                                    | 7440-70-2  | ~   | ~  | ~  | 1,440                    |                          | 1,860                    |                          | 5,450                    |                          | 1,260                    |                          | 2,510                    |                          | 1,030                    |                          | 1,160                    |                          | 1,670                    |   |
| Chromium                                   | 7440-47-3  | ~   | ~  | ~  | 18.900                   |                          | 18.100                   |                          | 16.800                   |                          | 9.630                    |                          | 19.600                   |                          | 11.200                   |                          | 7.420                    |                          | 8.970                    |   |
| Cobalt                                     | 7440-48-4  | ~   | ~  | ~  | 6.390                    |                          | 3.270                    |                          | 4.430                    |                          | 4.730                    |                          | 4.880                    |                          | 3.740                    |                          | 3.120                    |                          | 3.270                    |   |
| Copper                                     | 7440-50-8  | 50  | 1720   | 270  | 18.200                   |                          | 135                      |                          | 91.600                   |                          | 7.810                    |                          | 35.400                   |                          | 11                       |                          | 7.400                    |                          | 17.800                   |   |
| Iron                                       | 7439-89-6  | ~   | ~  | ~  | 10,400                   |                          | 9,650                    |                          | 11,700                   |                          | 6,470                    |                          | 13,100                   |                          | 7,840                    |                          | 5,780                    |                          | 11,100                   |   |
| Lead                                       | 7439-92-1  | 63  | 450  | 400  | 129                      |                          | 190                      |                          | 204                      |                          | 3                        |                          | 116                      |                          | 5.390                    |                          | 6.490                    |                          | 730                      |   |
| Magnesium                                  | 7439-95-4  | ~   | ~  | ~  | 1,930                    |                          | 1,690                    |                          | 1,850                    |                          | 1,620                    |                          | 1,880                    |                          | 1,630                    |                          | 1,470                    |                          | 2,110                    |   |
| Manganese                                  | 7439-96-5  | 1600  | 2000   | 2000   | 91.500                   |                          | 86.600                   |                          | 141                      |                          | 76.100                   |                          | 256                      |                          | 73.700                   |                          | 79.200                   |                          | 65.200                   |   |
| Nickel                                     | 7440-02-0  | 30  | 130  | 310  | 21                       |                          | 28                       |                          | 39.200                   |                          | 15                       |                          | 33.900                   |                          | 16                       |                          | 10.500                   |                          | 11.800                   |   |
| Potassium                                  | 7440-09-7  | ~   | ~  | ~  | 829                      | B                        | 829                      | B                        | 656                      | B                        | 747                      | B                        | 798                      | B                        | 851                      | B                        | 592                      |                          | 769                      |   |
| Selenium                                   | 7782-49-2  | 3.9   | 4  | 180  | 2.670                    | U                        | 3.230                    | U                        | 2.650                    | U                        | 2.670                    | U                        | 2.760                    | U                        | 3.200                    | U                        | 2.710                    | U                        | 2.920                    | U |
| Silver                                     | 7440-22-4  | 2   | 8.3  | 180  | 0.538                    | U                        | 0.651                    | U                        | 0.535                    | U                        | 0.538                    | U                        | 0.556                    | U                        | 0.645                    | U                        | 0.547                    | U                        | 0.588                    | U |

Table 2 : Soil Sample Summary Results-Composite Samples  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Sample ID                             | York ID    | NYSDEC Part 375<br>Restricted Use Soil<br>Cleanup<br>Objectives-<br>Protection of<br>Ecological<br>Resources | NYSDEC Part<br>375 Restricted<br>Use Soil<br>Cleanup<br>Objectives-<br>Protection of<br>GW | NYSDEC Part 375<br>Restricted Use<br>Soil Cleanup<br>Objectives -<br>Restricted<br>Residential | WC-9                     |                          | WC-10                    |                          | WC-11                    |                          | WC-12                    |                          | WC-13                    |                          | WC-14                    |                          | WC-15                    |                          | WC-16                    |                          |
|---------------------------------------|------------|--|--|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                       |            |  |  |  | 24D1795-17               | 24D1795-19               | 24D1795-21               | 24D1795-23               | 24D1795-25               | 24D1795-27               | 24D1795-29               | 24D1795-31               |                          |                          |                          |                          |                          |                          |                          |                          |
| Sampling Date                         |            |  |  |  | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM |
| Client Matrix                         |            |  |  |  | Soil                     |                          | Soil                     |                          | Soil                     |                          | Soil                     |                          | Soil                     |                          | Soil                     |                          | Soil                     |                          | Soil                     |                          |
| Compound                              | CAS Number |  |  |  | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        |
| Sodium                                | 7440-23-5  | ~  | ~  | ~  | 133                      |                          | 106                      |                          | 125                      |                          | 150                      |                          | 117                      |                          | 468                      |                          | 302                      |                          | 497                      |                          |
| Vanadium                              | 7440-62-2  | ~  | ~  | ~  | 22.900                   |                          | 21.300                   |                          | 15.400                   |                          | 12.100                   |                          | 24                       |                          | 12.400                   |                          | 10.200                   |                          | 13                       |                          |
| Zinc                                  | 7440-66-6  | 109  | 2480   | 10000  | 65.800                   |                          | 22,400                   | D                        | 334                      |                          | 25.900                   |                          | 226                      |                          | 30.500                   |                          | 17.700                   | B                        | 102                      | B                        |
| Thallium by EPA 6020                  |            |  |  |  | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          |
| Dilution Factor                       |            |  |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Thallium                              | 7440-28-0  | ~  | ~  | ~  | 0.107                    | U                        | 0.129                    | U                        | 0.106                    | U                        | 0.107                    | U                        | 0.110                    | U                        | 0.128                    | U                        | 0.109                    | U                        | 0.117                    | U                        |
| Mercury by 7473                       |            | mg/Kg  | mg/Kg  | mg/Kg  | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          |
| Dilution Factor                       |            |  |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Mercury                               | 7439-97-6  | 0.18   | 0.73   | 0.81   | 0.0384                   | U                        | 0.479                    |                          | 0.569                    |                          | 0.0384                   | U                        | 0.202                    |                          | 0.0460                   | U                        | 0.0563                   |                          | 0.0420                   | U                        |
| Chromium, Hexavalent                  |            | mg/Kg  | mg/Kg  | mg/Kg  | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          |
| Dilution Factor                       |            |  |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Chromium, Hexavalent                  | 18540-29-9 | 1  | 19   | 110  | 0.641                    | U                        | 0.774                    | U                        | 0.637                    | U                        | 0.640                    | U                        | 0.662                    | U                        | 0.767                    | U                        | 0.652                    | U                        | 0.700                    | U                        |
| Corrosivity (pH) by SM 4500/EPA 9045D |            |  |  |  | pH units                 |                          | pH units                 |                          | pH units                 |                          | pH units                 |                          | pH units                 |                          | pH units                 |                          | pH units                 |                          | pH units                 |                          |
| Dilution Factor                       |            |  |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| pH                                    |            | ~  | ~  | ~  | 6.950                    |                          | 7.200                    |                          | 7.650                    |                          | 7.510                    |                          | 7.490                    |                          | 7.420                    |                          | 7.370                    |                          | 7.130                    |                          |
| Cyanide, Total                        |            |  | mg/Kg  | mg/Kg  | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          |
| Dilution Factor                       |            |  |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Cyanide, total                        | 57-12-5    | ~  | 40   | 27   | 0.641                    | U                        | 0.774                    | U                        | 0.637                    | U                        | 0.640                    | U                        | 0.662                    | U                        | 0.767                    | U                        | 0.652                    | U                        | 0.700                    | U                        |
| Ignitability                          |            |  |  |  | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          |
| Dilution Factor                       |            |  |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Ignitability                          |            | ~  | ~  | ~  | Non-Ignit.               |                          | Non-Ignit.               |                          | Non-Ignit.               |                          | Non-Ignit.               |                          | Non-Ignit.               |                          | Non-Ignit.               |                          | Non-Ignit.               |                          | Non-Ignit.               |                          |
| Paint Filter Test                     |            |  |  |  | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          | None                     |                          |
| Dilution Factor                       |            |  |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Paint Filter Test                     |            | ~  | ~  | ~  | No Free Liquid           |                          | No Free Liquid           |                          | No Free Liquid           |                          | No Free Liquid           |                          | No Free Liquid           |                          | No Free Liquid           |                          | No Free Liquid           |                          | No Free Liquid           |                          |
| Reactivity-Cyanide                    |            |  |  |  | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          |
| Dilution Factor                       |            |  |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Reactivity - Cyanide                  |            | ~  | ~  | ~  | 0.250                    | U                        | 0.250                    | U                        | 0.250                    | U                        | 0.250                    | U                        | 0.250                    | U                        | 0.250                    | U                        | 0.250                    | U                        | 0.250                    | U                        |
| Reactivity-Sulfide                    |            |  |  |  | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          | mg/kg                    |                          |
| Dilution Factor                       |            |  |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Reactivity - Sulfide                  |            | ~  | ~  | ~  | 88                       |                          | 40                       |                          | 40                       |                          | 64                       |                          | 24                       |                          | 56                       |                          | 15                       | U                        | 64                       |                          |
| SPLP Extraction for WET CHEM EPA 1312 |            |  |  |  | N/A                      |                          | N/A                      |                          | N/A                      |                          | N/A                      |                          | N/A                      |                          | N/A                      |                          | N/A                      |                          | N/A                      |                          |
| Dilution Factor                       |            |  |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| SPLP Extraction                       |            | ~  | ~  | ~  | Completed                |                          | Completed                |                          | Completed                |                          | Completed                |                          | Completed                |                          | Completed                |                          | Completed                |                          | Completed                |                          |
| Temperature                           |            |  |  |  | °C                       |                          | °C                       |                          | °C                       |                          | °C                       |                          | °C                       |                          | °C                       |                          | °C                       |                          | °C                       |                          |
| Dilution Factor                       |            |  |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Temperature                           |            | ~  | ~  | ~  | 23.400                   |                          | 22.600                   |                          | 23.100                   |                          | 23                       |                          | 23                       |                          | 23                       |                          | 23.100                   |                          | 23                       |                          |
| Total Solids                          |            |  |  |  | %                        |                          | %                        |                          | %                        |                          | %                        |                          | %                        |                          | %                        |                          | %                        |                          | %                        |                          |
| Dilution Factor                       |            |  |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| % Solids                              | solids     | ~  | ~  | ~  | 78                       |                          | 64.600                   |                          | 78.500                   |                          | 78.100                   |                          | 75.600                   |                          | 65.200                   |                          | 76.700                   |                          | 71.400                   |                          |
| Chloride, SPLP                        |            |  |  |  | mg/L                     |                          | mg/L                     |                          | mg/L                     |                          | mg/L                     |                          | mg/L                     |                          | mg/L                     |                          | mg/L                     |                          | mg/L                     |                          |
| Dilution Factor                       |            |  |  |  | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |                          |
| Chloride                              | 16887-00-6 | ~  | ~  | ~  | 2.190                    |                          | 0.778                    |                          | 3.230                    |                          | 3.600                    |                          | 0.845                    |                          | 16.300                   |                          | 27                       |                          | 25.300                   |                          |
| Herbicides, Target List               |            |  | mg/Kg  | mg/Kg  | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          |

Table 2 : Soil Sample Summary Results-Composite Samples  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Sample ID                              |            | NYSDEC Part 375<br>Restricted Use Soil<br>Cleanup<br>Objectives-<br>Protection of<br>Ecological<br>Resources | NYSDEC Part<br>375 Restricted<br>Use Soil<br>Cleanup<br>Objectives-<br>Protection of<br>GW | NYSDEC Part 375<br>Restricted Use<br>Soil Cleanup<br>Objectives -<br>Restricted<br>Residential | WC-9                     |                          | WC-10                    |                          | WC-11                    |                          | WC-12                    |                          | WC-13 |        | WC-14 |        | WC-15 |        | WC-16 |        |   |        |   |
|--|------------|--|--|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------|--------|-------|--------|-------|--------|-------|--------|---|--------|---|
| York ID                                |            |  |  |  | 24D1795-17               | 24D1795-19               | 24D1795-21               | 24D1795-23               | 24D1795-25               | 24D1795-27               | 24D1795-29               | 24D1795-31               |       |        |       |        |       |        |       |        |   |        |   |
| Sampling Date                          |            |  |  |  | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM | 4/26/2024<br>11:19:00 AM |       |        |       |        |       |        |       |        |   |        |   |
| Client Matrix                          |            | Soil   | Soil   | Soil   | Soil                     | Soil                     | Soil                     | Soil                     | Soil                     |                          |                          |                          |       |        |       |        |       |        |       |        |   |        |   |
| Compound                               | CAS Number | Result   | Q  | Result   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q                        | Result                   | Q     | Result | Q     | Result | Q     | Result | Q     |        |   |        |   |
| <b>Dilution Factor</b>                 |            | 1  |  | 1  |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |       | 1      |       | 1      |       | 1      |       |        |   |        |   |
| 2,4,5-T                                | 93-76-5    | ~  |  | ~  |                          | 0.0253                   | U                        | 0.0309                   | U                        | 0.0250                   | U                        | 0.0252                   | U     | 0.0263 | U     | 0.0306 | U     | 0.0260 | U     | 0.0279 | U |        |   |
| 2,4,5-TP (Silvex)                      | 93-72-1    | ~  |  | 3.8  |                          | 100                      |                          | 0.0253                   | U                        | 0.0309                   | U                        | 0.0250                   | U     | 0.0252 | U     | 0.0263 | U     | 0.0306 | U     | 0.0260 | U | 0.0279 | U |
| 2,4-D                                  | 94-75-7    | ~  |  | ~  |                          | 0.0253                   | U                        | 0.0309                   | U                        | 0.0250                   | U                        | 0.0252                   | U     | 0.0263 | U     | 0.0306 | U     | 0.0260 | U     | 0.0279 | U |        |   |
| <b>Polychlorinated Biphenyls (PCB)</b> |            | mg/Kg  |  | mg/Kg  |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |                          | mg/Kg                    |       | mg/Kg  |       | mg/Kg  |       | mg/Kg  |       |        |   |        |   |
| <b>Dilution Factor</b>                 |            | 1  |  | 1  |                          | 1                        |                          | 1                        |                          | 1                        |                          | 1                        |       | 1      |       | 1      |       | 1      |       |        |   |        |   |
| Aroclor 1016                           | 12674-11-2 | ~  |  | ~  |                          | 0.0213                   | U                        | 0.0257                   | U                        | 0.0212                   | U                        | 0.0213                   | U     | 0.0220 | U     | 0.0255 | U     | 0.0216 | U     | 0.0233 | U |        |   |
| Aroclor 1221                           | 11104-28-2 | ~  |  | ~  |                          | 0.0213                   | U                        | 0.0257                   | U                        | 0.0212                   | U                        | 0.0213                   | U     | 0.0220 | U     | 0.0255 | U     | 0.0216 | U     | 0.0233 | U |        |   |
| Aroclor 1232                           | 11141-16-5 | ~  |  | ~  |                          | 0.0213                   | U                        | 0.0257                   | U                        | 0.0212                   | U                        | 0.0213                   | U     | 0.0220 | U     | 0.0255 | U     | 0.0216 | U     | 0.0233 | U |        |   |
| Aroclor 1242                           | 53469-21-9 | ~  |  | ~  |                          | 0.0213                   | U                        | 0.0257                   | U                        | 0.0212                   | U                        | 0.0213                   | U     | 0.0220 | U     | 0.0255 | U     | 0.0216 | U     | 0.0233 | U |        |   |
| Aroclor 1248                           | 12672-29-6 | ~  |  | ~  |                          | 0.0213                   | U                        | 0.177                    |                          | 0.149                    |                          | 0.0213                   | U     | 0.0220 | U     | 0.0255 | U     | 0.0216 | U     | 0.0233 | U |        |   |
| Aroclor 1254                           | 11097-69-1 | ~  |  | ~  |                          | 0.0213                   | U                        | 0.0257                   | U                        | 0.0212                   | U                        | 0.0213                   | U     | 0.0220 | U     | 0.0255 | U     | 0.0216 | U     | 0.0233 | U |        |   |
| Aroclor 1260                           | 11096-82-5 | ~  |  | ~  |                          | 0.0213                   | U                        | 0.0257                   | U                        | 0.0389                   |                          | 0.0213                   | U     | 0.0220 | U     | 0.0255 | U     | 0.0216 | U     | 0.0233 | U |        |   |
| Aroclor 1262                           | 37324-23-5 | ~  |  | ~  |                          | 0.0213                   | U                        | 0.0257                   | U                        | 0.0212                   | U                        | 0.0213                   | U     | 0.0220 | U     | 0.0255 | U     | 0.0216 | U     | 0.0233 | U |        |   |
| Aroclor 1268                           | 11100-14-4 | ~  |  | ~  |                          | 0.0213                   | U                        | 0.0257                   | U                        | 0.0212                   | U                        | 0.0213                   | U     | 0.0220 | U     | 0.0255 | U     | 0.0216 | U     | 0.0233 | U |        |   |
| Total PCBs                             | 1336-36-3  | 1  |  | 3.2  |                          | 1                        |                          | 0.0213                   | U                        | 0.177                    |                          | 0.188                    |       | 0.0213 | U     | 0.0220 | U     | 0.0255 | U     | 0.0216 | U | 0.0233 | 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

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a

% difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte



Table 3 : Soil Sample Summary Results-TCLP Analysis  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Sample ID                                    |            | EPA Hazardous Waste Limits | WC-1                  |                       | WC-2                  |                       | WC-3                  |                       | WC-4                  |                       | WC-5                  |                       | WC-6                  |                       | WC-7                  |                       | WC-8                  |                       |
|--|------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| York ID                                      |            |                            | 24D1795-01            |                       | 24D1795-03            |                       | 24D1795-05            |                       | 24D1795-07            |                       | 24D1795-09            |                       | 24D1795-11            |                       | 24D1795-13            |                       | 24D1795-15            |                       |
| Sampling Date                                |            |                            | 4/26/2024 11:19:00 AM | 4/26/2024 11:19:00 AM | 4/26/2024 11:19:00 AM | 4/26/2024 11:19:00 AM | 4/26/2024 11:19:00 AM | 4/26/2024 11:19:00 AM | 4/26/2024 11:19:00 AM | 4/26/2024 11:19:00 AM | 4/26/2024 11:19:00 AM | 4/26/2024 11:19:00 AM | 4/26/2024 11:19:00 AM | 4/26/2024 11:19:00 AM | 4/26/2024 11:19:00 AM | 4/26/2024 11:19:00 AM | 4/26/2024 11:19:00 AM | 4/26/2024 11:19:00 AM |
| Client Matrix                                |            |                            | Soil                  | Soil                  | Soil                  | Soil                  | Soil                  | Soil                  | Soil                  | Soil                  | Soil                  | Soil                  | Soil                  | Soil                  | Soil                  | Soil                  | Soil                  | Soil                  |
| Compound                                     | CAS Number |                            | Result                | Q                     | Result                | Q                     | Result                | Q                     | Result                | Q                     | Result                | Q                     | Result                | Q                     | Result                | Q                     | Result                | Q                     |
| <b>Volatile Organics, TCLP RCRA List</b>     |            | mg/L                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       |
| <b>Dilution Factor</b>                       |            |                            | 10                    |                       | 10                    |                       | 10                    |                       | 10                    |                       | 10                    |                       | 10                    |                       | 10                    |                       | 10                    |                       |
| 1,1-Dichloroethylene                         | 75-35-4    | 0.7                        | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     |
| 1,2-Dichloroethane                           | 107-06-2   | 0.5                        | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     |
| 1,4-Dichlorobenzene                          | 106-46-7   | 7.5                        | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     |
| 2-Butanone                                   | 78-93-3    | 200                        | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     |
| Benzene                                      | 71-43-2    | 0.5                        | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     |
| Carbon tetrachloride                         | 56-23-5    | 0.5                        | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     |
| Chlorobenzene                                | 108-90-7   | 100                        | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     |
| Chloroform                                   | 67-66-3    | 6                          | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     |
| Tetrachloroethylene                          | 127-18-4   | 0.7                        | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     |
| Trichloroethylene                            | 79-01-6    | 0.5                        | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     |
| Vinyl Chloride                               | 75-01-4    | 0.2                        | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     | 0.0250                | U                     |
| <b>Semi-Volatiles, TCLP RCRA Target List</b> |            | mg/L                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       |
| <b>Dilution Factor</b>                       |            |                            | 1                     |                       | 1                     |                       | 1                     |                       | 1                     |                       | 1                     |                       | 1                     |                       | 1                     |                       | 1                     |                       |
| 1,4-Dichlorobenzene                          | 106-46-7   | 7.5                        | 0.00645               | U                     | 0.00645               | U                     | 0.00645               | U                     | 0.00645               | U                     | 0.00645               | U                     | 0.00645               | U                     | 0.00645               | U                     | 0.00645               | U                     |
| 2,4,5-Trichlorophenol                        | 95-95-4    | 400                        | 0.00722               | U                     | 0.00722               | U                     | 0.00722               | U                     | 0.00722               | U                     | 0.00722               | U                     | 0.00722               | U                     | 0.00722               | U                     | 0.00722               | U                     |
| 2,4,6-Trichlorophenol                        | 88-06-2    | 2                          | 0.00654               | U                     | 0.00654               | U                     | 0.00654               | U                     | 0.00654               | U                     | 0.00654               | U                     | 0.00654               | U                     | 0.00654               | U                     | 0.00654               | U                     |
| 2,4-Dinitrotoluene                           | 121-14-2   | 0.13                       | 0.00473               | U                     | 0.00473               | U                     | 0.00473               | U                     | 0.00473               | U                     | 0.00473               | U                     | 0.00473               | U                     | 0.00473               | U                     | 0.00473               | U                     |
| 2-Methylphenol                               | 95-48-7    | 200                        | 0.00171               | U                     | 0.00171               | U                     | 0.00171               | U                     | 0.00171               | U                     | 0.00171               | U                     | 0.00171               | U                     | 0.00171               | U                     | 0.00171               | U                     |
| 3- & 4-Methylphenols                         | 65794-96-9 | ~                          | 0.00743               | U                     | 0.00743               | U                     | 0.00743               | U                     | 0.00743               | U                     | 0.00743               | U                     | 0.00743               | U                     | 0.00743               | U                     | 0.00743               | U                     |
| Cresols, total                               | 1319-77-3  | 200                        | 0.00740               | U                     | 0.00740               | U                     | 0.00740               | U                     | 0.00740               | U                     | 0.00740               | U                     | 0.00740               | U                     | 0.00740               | U                     | 0.00740               | U                     |
| Hexachlorobenzene                            | 118-74-1   | 0.13                       | 0.00591               | U                     | 0.00591               | U                     | 0.00591               | U                     | 0.00591               | U                     | 0.00591               | U                     | 0.00591               | U                     | 0.00591               | U                     | 0.00591               | U                     |
| Hexachlorobutadiene                          | 87-68-3    | 0.5                        | 0.00662               | U                     | 0.00662               | U                     | 0.00662               | U                     | 0.00662               | U                     | 0.00662               | U                     | 0.00662               | U                     | 0.00662               | U                     | 0.00662               | U                     |
| Hexachloroethane                             | 67-72-1    | 3                          | 0.00726               | U                     | 0.00726               | U                     | 0.00726               | U                     | 0.00726               | U                     | 0.00726               | U                     | 0.00726               | U                     | 0.00726               | U                     | 0.00726               | U                     |
| Nitrobenzene                                 | 98-95-3    | 2                          | 0.00393               | U                     | 0.00393               | U                     | 0.00393               | U                     | 0.00393               | U                     | 0.00393               | U                     | 0.00393               | U                     | 0.00393               | U                     | 0.00393               | U                     |
| Pentachlorophenol                            | 87-86-5    | 100                        | 0.00753               | U                     | 0.00753               | U                     | 0.00753               | U                     | 0.00753               | U                     | 0.00753               | U                     | 0.00753               | U                     | 0.00753               | U                     | 0.00753               | U                     |
| Pyridine                                     | 110-86-1   | 5                          | 0.00637               | U                     | 0.00637               | U                     | 0.00637               | U                     | 0.00637               | U                     | 0.00637               | U                     | 0.00637               | U                     | 0.00637               | U                     | 0.00637               | U                     |
| <b>Pesticides, TCLP RCRA List</b>            |            | mg/L                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       |
| <b>Dilution Factor</b>                       |            |                            | 1                     |                       | 1                     |                       | 1                     |                       | 1                     |                       | 1                     |                       | 1                     |                       | 1                     |                       | 1                     |                       |
| Chlordane, total                             | 57-74-9    | 0.03                       | 0.00022               | U                     | 0.00022               | U                     | 0.00022               | U                     | 0.00046               |                       | 0.00022               | U                     | 0.00022               | U                     | 0.00022               | U                     | 0.00022               | U                     |
| Endrin                                       | 72-20-8    | 0.02                       | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     |
| gamma-BHC (Lindane)                          | 58-89-9    | 0.4                        | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     |
| Heptachlor                                   | 76-44-8    | 0.008                      | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     |
| Heptachlor epoxide                           | 1024-57-3  | 0.008                      | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     |
| Methoxychlor                                 | 72-43-5    | 10                         | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     | 0.00004               | U                     |
| Toxaphene                                    | 8001-35-2  | 0.5                        | 0.00111               | U                     | 0.00111               | U                     | 0.00111               | U                     | 0.00111               | U                     | 0.00111               | U                     | 0.00111               | U                     | 0.00111               | U                     | 0.00111               | U                     |
| <b>Metals, TCLP RCRA</b>                     |            | mg/L                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       | mg/L                  |                       |
| <b>Dilution Factor</b>                       |            |                            | 1                     |                       | 1                     |                       | 1                     |                       | 1                     |                       | 1                     |                       | 1                     |                       | 1                     |                       | 1                     |                       |
| Arsenic                                      | 7440-38-2  | 5                          | 0.375                 | U                     | 0.375                 | U                     | 0.375                 | U                     | 0.375                 | U                     | 0.375                 | U                     | 0.375                 | U                     | 0.375                 | U                     | 0.375                 | U                     |
| Barium                                       | 7440-39-3  | 100                        | 2.290                 |                       | 1.210                 |                       | 0.625                 | U                     | 0.625                 | U                     | 1.220                 |                       | 1.010                 |                       | 0.625                 | U                     | 0.625                 | U                     |
| Cadmium                                      | 7440-43-9  | 1                          | 0.0860                |                       | 0.0750                | U                     | 0.0750                | U                     | 0.0750                | U                     | 0.0750                | U                     | 0.0750                | U                     | 0.0750                | U                     | 0.0750                | U                     |
| Chromium                                     | 7440-47-3  | 5                          | 0.125                 | U                     | 0.125                 | U                     | 0.125                 | U                     | 0.125                 | U                     | 0.125                 | U                     | 0.125                 | U                     | 0.125                 | U                     | 0.125                 | U                     |
| Lead   | 7439-92-1  | 5                          | 3.400                 |                       | 0.935                 |                       | 0.300                 |                       | 0.154                 |                       | 2.190                 |                       | 1.370                 |                       | 0.125                 | U                     | 0.140                 |                       |
| Selenium                                     | 7782-49-2  | 1                          | 0.625                 | U                     | 0.625                 | U                     | 0.625                 | U                     | 0.625                 | U                     | 0.625                 | U                     | 0.625                 | U                     | 0.625                 | U                     | 0.625                 | U                     |
| Silver                                       | 7440-22-4  | 5                          | 0.125                 | U                     | 0.125                 | U                     | 0.125                 | U                     | 0.125                 | U                     | 0.125                 | U                     | 0.125                 | U                     | 0.125                 | U                     | 0.125                 | U                     |

Table 3 : Soil Sample Summary Results-TCLP Analysis  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Sample ID                               |            | EPA Hazardous Waste Limits | WC-1                  |   | WC-2                  |   | WC-3                  |   | WC-4                  |   | WC-5                  |   | WC-6                  |   | WC-7                  |   | WC-8                  |   |
|---|------------|----------------------------|-----------------------|---|-----------------------|---|-----------------------|---|-----------------------|---|-----------------------|---|-----------------------|---|-----------------------|---|-----------------------|---|
| York ID                                 |            |                            | 24D1795-01            |   | 24D1795-03            |   | 24D1795-05            |   | 24D1795-07            |   | 24D1795-09            |   | 24D1795-11            |   | 24D1795-13            |   | 24D1795-15            |   |
| Sampling Date                           |            |                            | 4/26/2024 11:19:00 AM |   | 4/26/2024 11:19:00 AM |   | 4/26/2024 11:19:00 AM |   | 4/26/2024 11:19:00 AM |   | 4/26/2024 11:19:00 AM |   | 4/26/2024 11:19:00 AM |   | 4/26/2024 11:19:00 AM |   | 4/26/2024 11:19:00 AM |   |
| Client Matrix                           |            |                            | Soil                  |   | Soil                  |   | Soil                  |   | Soil                  |   | Soil                  |   | Soil                  |   | Soil                  |   | Soil                  |   |
| Compound                                | CAS Number |                            | Result                | Q | Result                | Q | Result                | Q | Result                | Q | Result                | Q | Result                | Q | Result                | Q | Result                | Q |
| Mercury, TCLP                           |            | mg/L                       | mg/L                  |   | mg/L                  |   | mg/L                  |   | mg/L                  |   | mg/L                  |   | mg/L                  |   | mg/L                  |   | mg/L                  |   |
| Dilution Factor                         |            |                            | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   |
| Mercury                                 | 7439-97-6  | 0.2                        | 0.00020               | U | 0.00020               | U | 0.00020               | U | 0.00020               | U | 0.00020               | U | 0.00020               | U | 0.00020               | U | 0.00020               | U |
| TCLP Extraction for METALS EPA 1311     |            |                            | N/A                   |   | N/A                   |   | N/A                   |   | N/A                   |   | N/A                   |   | N/A                   |   | N/A                   |   | N/A                   |   |
| Dilution Factor                         |            |                            | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   |
| TCLP Extraction                         |            | ~                          | Completed             |   | Completed             |   | Completed             |   | Completed             |   | Completed             |   | Completed             |   | Completed             |   | Completed             |   |
| TCLP Extraction for SVOCS/PEST/HERB     |            |                            | N/A                   |   | N/A                   |   | N/A                   |   | N/A                   |   | N/A                   |   | N/A                   |   | N/A                   |   | N/A                   |   |
| Dilution Factor                         |            |                            | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   |
| TCLP Extraction                         |            | ~                          | Completed             |   | Completed             |   | Completed             |   | Completed             |   | Completed             |   | Completed             |   | Completed             |   | Completed             |   |
| TCLP Extraction for VOA by EPA 1311 ZHE |            |                            | N/A                   |   | N/A                   |   | N/A                   |   | N/A                   |   | N/A                   |   | N/A                   |   | N/A                   |   | N/A                   |   |
| Dilution Factor                         |            |                            | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   |
| TCLP Extraction                         |            | ~                          | Completed             |   | Completed             |   | Completed             |   | Completed             |   | Completed             |   | Completed             |   | Completed             |   | Completed             |   |
| Temperature                             |            |                            | °C                    |   | °C                    |   | °C                    |   | °C                    |   | °C                    |   | °C                    |   | °C                    |   | °C                    |   |
| Dilution Factor                         |            |                            | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   |
| Temperature                             |            | ~                          | 23.700                |   | 23.600                |   | 23.500                |   | 23.500                |   | 23.600                |   | 23.600                |   | 23.500                |   | 23.500                |   |
| Total Solids                            |            |                            | %                     |   | %                     |   | %                     |   | %                     |   | %                     |   | %                     |   | %                     |   | %                     |   |
| Dilution Factor                         |            |                            | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   |
| % Solids                                | solids     | ~                          | 85.800                |   | 81.100                |   | 80.700                |   | 82.900                |   | 83.900                |   | 85.900                |   | 78.700                |   | 71.500                |   |
| Herbicides, TCLP Target List            |            | mg/L                       | mg/L                  |   | mg/L                  |   | mg/L                  |   | mg/L                  |   | mg/L                  |   | mg/L                  |   | mg/L                  |   | mg/L                  |   |
| Dilution Factor                         |            |                            | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   | 1                     |   |
| 2,4,5-TP (Silvex)                       | 93-72-1    | 1                          | 0.00500               | U | 0.00500               | U | 0.00500               | U | 0.00500               | U | 0.00500               | U | 0.00500               | U | 0.00500               | U | 0.00500               | U |
| 2,4-D                                   | 94-75-7    | 10                         | 0.00500               | U | 0.00500               | U | 0.00500               | U | 0.00500               | U | 0.00500               | U | 0.00500               | U | 0.00500               | U | 0.00500               | 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

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 3 : Soil Sample Summary Results-TCLP Analysis  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Sample ID                                    |            | EPA Hazardous Waste Limits | WC-9        |   | WC-10       |   | WC-11       |   | WC-12       |   | WC-13       |   | WC-14       |   | WC-15       |   | WC-16       |   |
|--|------------|----------------------------|-------------|---|-------------|---|-------------|---|-------------|---|-------------|---|-------------|---|-------------|---|-------------|---|
| York ID                                      |            |                            | 24D1795-17  |   | 24D1795-19  |   | 24D1795-21  |   | 24D1795-23  |   | 24D1795-25  |   | 24D1795-27  |   | 24D1795-29  |   | 24D1795-31  |   |
| Sampling Date                                |            |                            | 4/26/2024   |   | 4/26/2024   |   | 4/26/2024   |   | 4/26/2024   |   | 4/26/2024   |   | 4/26/2024   |   | 4/26/2024   |   | 4/26/2024   |   |
| Client Matrix                                |            |                            | 11:19:00 AM |   | 11:19:00 AM |   | 11:19:00 AM |   | 11:19:00 AM |   | 11:19:00 AM |   | 11:19:00 AM |   | 11:19:00 AM |   | 11:19:00 AM |   |
| Compound                                     | CAS Number |                            | Soil        |   | Soil        |   | Soil        |   | Soil        |   | Soil        |   | Soil        |   | Soil        |   | Soil        |   |
|  |            |                            | Result      | Q | Result      | Q | Result      | Q | Result      | Q | Result      | Q | Result      | Q | Result      | Q | Result      | Q |
| <b>Volatile Organics, TCLP RCRA List</b>     |            |                            | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   |
| <b>Dilution Factor</b>                       |            |                            | 10          |   | 10          |   | 10          |   | 10          |   | 10          |   | 10          |   | 10          |   | 10          |   |
| 1,1-Dichloroethylene                         | 75-35-4    | 0.7                        | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U |
| 1,2-Dichloroethane                           | 107-06-2   | 0.5                        | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U |
| 1,4-Dichlorobenzene                          | 106-46-7   | 7.5                        | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U |
| 2-Butanone                                   | 78-93-3    | 200                        | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U |
| Benzene                                      | 71-43-2    | 0.5                        | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U |
| Carbon tetrachloride                         | 56-23-5    | 0.5                        | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U |
| Chlorobenzene                                | 108-90-7   | 100                        | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U |
| Chloroform                                   | 67-66-3    | 6                          | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U |
| Tetrachloroethylene                          | 127-18-4   | 0.7                        | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U |
| Trichloroethylene                            | 79-01-6    | 0.5                        | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U |
| Vinyl Chloride                               | 75-01-4    | 0.2                        | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U | 0.0250      | U |
| <b>Semi-Volatiles, TCLP RCRA Target List</b> |            |                            | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   |
| <b>Dilution Factor</b>                       |            |                            | 1           |   | 1           |   | 1           |   | 1           |   | 1           |   | 1           |   | 1           |   | 1           |   |
| 1,4-Dichlorobenzene                          | 106-46-7   | 7.5                        | 0.00645     | U | 0.00323     | U | 0.00323     | U | 0.00323     | U | 0.00323     | U | 0.00323     | U | 0.00323     | U | 0.00323     | U |
| 2,4,5-Trichlorophenol                        | 95-95-4    | 400                        | 0.00722     | U | 0.00361     | U | 0.00361     | U | 0.00361     | U | 0.00361     | U | 0.00361     | U | 0.00361     | U | 0.00361     | U |
| 2,4,6-Trichlorophenol                        | 88-06-2    | 2                          | 0.00654     | U | 0.00327     | U | 0.00327     | U | 0.00327     | U | 0.00327     | U | 0.00327     | U | 0.00327     | U | 0.00327     | U |
| 2,4-Dinitrotoluene                           | 121-14-2   | 0.13                       | 0.00473     | U | 0.00237     | U | 0.00237     | U | 0.00237     | U | 0.00237     | U | 0.00237     | U | 0.00237     | U | 0.00237     | U |
| 2-Methylphenol                               | 95-48-7    | 200                        | 0.00171     | U | 0.00086     | U | 0.00086     | U | 0.00086     | U | 0.00086     | U | 0.00086     | U | 0.00086     | U | 0.00086     | U |
| 3- & 4-Methylphenols                         | 65794-96-9 | ~                          | 0.00743     | U | 0.00372     | U | 0.00372     | U | 0.00372     | U | 0.00372     | U | 0.00372     | U | 0.00372     | U | 0.00372     | U |
| Cresols, total                               | 1319-77-3  | 200                        | 0.00740     | U | 0.00370     | U | 0.00370     | U | 0.00370     | U | 0.00370     | U | 0.00370     | U | 0.00370     | U | 0.00370     | U |
| Hexachlorobenzene                            | 118-74-1   | 0.13                       | 0.00591     | U | 0.00296     | U | 0.00296     | U | 0.00296     | U | 0.00296     | U | 0.00296     | U | 0.00296     | U | 0.00296     | U |
| Hexachlorobutadiene                          | 87-68-3    | 0.5                        | 0.00662     | U | 0.00331     | U | 0.00331     | U | 0.00331     | U | 0.00331     | U | 0.00331     | U | 0.00331     | U | 0.00331     | U |
| Hexachloroethane                             | 67-72-1    | 3                          | 0.00726     | U | 0.00363     | U | 0.00363     | U | 0.00363     | U | 0.00363     | U | 0.00363     | U | 0.00363     | U | 0.00363     | U |
| Nitrobenzene                                 | 98-95-3    | 2                          | 0.00393     | U | 0.00197     | U | 0.00197     | U | 0.00197     | U | 0.00197     | U | 0.00197     | U | 0.00197     | U | 0.00197     | U |
| Pentachlorophenol                            | 87-86-5    | 100                        | 0.00753     | U | 0.00376     | U | 0.00376     | U | 0.00376     | U | 0.00376     | U | 0.00376     | U | 0.00376     | U | 0.00376     | U |
| Pyridine                                     | 110-86-1   | 5                          | 0.00637     | U | 0.00319     | U | 0.00319     | U | 0.00319     | U | 0.00319     | U | 0.00319     | U | 0.00319     | U | 0.00319     | U |
| <b>Pesticides, TCLP RCRA List</b>            |            |                            | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   |
| <b>Dilution Factor</b>                       |            |                            | 1           |   | 1           |   | 1           |   | 1           |   | 1           |   | 1           |   | 1           |   | 1           |   |
| Chlordane, total                             | 57-74-9    | 0.03                       | 0.00022     | U | 0.00025     | U | 0.00025     | U | 0.00025     | U | 0.00025     | U | 0.00025     | U | 0.00025     | U | 0.00025     | U |
| Endrin                                       | 72-20-8    | 0.02                       | 0.00004     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U |
| gamma-BHC (Lindane)                          | 58-89-9    | 0.4                        | 0.00004     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U |
| Heptachlor                                   | 76-44-8    | 0.008                      | 0.00004     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U |
| Heptachlor epoxide                           | 1024-57-3  | 0.008                      | 0.00004     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U |
| Methoxychlor                                 | 72-43-5    | 10                         | 0.00004     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U | 0.00005     | U |
| Toxaphene                                    | 8001-35-2  | 0.5                        | 0.00111     | U | 0.00125     | U | 0.00125     | U | 0.00125     | U | 0.00125     | U | 0.00125     | U | 0.00125     | U | 0.00125     | U |
| <b>Metals, TCLP RCRA</b>                     |            |                            | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   | mg/L        |   |
| <b>Dilution Factor</b>                       |            |                            | 1           |   | 1           |   | 1           |   | 1           |   | 1           |   | 1           |   | 1           |   | 1           |   |
| Arsenic                                      | 7440-38-2  | 5                          | 0.375       | U | 0.375       | U | 0.375       | U | 0.375       | U | 0.375       | U | 0.375       | U | 0.375       | U | 0.375       | U |
| Barium                                       | 7440-39-3  | 100                        | 0.625       | U | 2.070       | U | 1.480       | U | 0.625       | U | 0.688       | U | 0.625       | U | 0.625       | U | 0.625       | U |
| Cadmium                                      | 7440-43-9  | 1                          | 0.0750      | U | 0.0750      | U | 0.0750      | U | 0.0750      | U | 0.0750      | U | 0.0750      | U | 0.0750      | U | 0.0750      | U |
| Chromium                                     | 7440-47-3  | 5                          | 0.125       | U | 0.125       | U | 0.125       | U | 0.125       | U | 0.125       | U | 0.125       | U | 0.125       | U | 0.125       | U |
| Lead   | 7439-92-1  | 5                          | 0.138       | U | 1.260       | U | 0.772       | U | 0.125       | U | 0.125       | U | 0.125       | U | 0.125       | U | 4.160       | U |
| Selenium                                     | 7782-49-2  | 1                          | 0.625       | U | 0.625       | U | 0.625       | U | 0.625       | U | 0.625       | U | 0.625       | U | 0.625       | U | 0.625       | U |
| Silver                                       | 7440-22-4  | 5                          | 0.125       | U | 0.125       | U | 0.125       | U | 0.125       | U | 0.125       | U | 0.125       | U | 0.125       | U | 0.125       | U |

Table 3 : Soil Sample Summary Results-TCLP Analysis  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Sample ID                               |            | EPA Hazardous Waste Limits | WC-9                     |   | WC-10                    |   | WC-11                    |   | WC-12                    |   | WC-13                    |   | WC-14                    |   | WC-15                    |   | WC-16                    |   |
|---|------------|----------------------------|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|
| York ID                                 |            |                            | 24D1795-17               |   | 24D1795-19               |   | 24D1795-21               |   | 24D1795-23               |   | 24D1795-25               |   | 24D1795-27               |   | 24D1795-29               |   | 24D1795-31               |   |
| Sampling Date                           |            |                            | 4/26/2024<br>11:19:00 AM |   | 4/26/2024<br>11:19:00 AM |   | 4/26/2024<br>11:19:00 AM |   | 4/26/2024<br>11:19:00 AM |   | 4/26/2024<br>11:19:00 AM |   | 4/26/2024<br>11:19:00 AM |   | 4/26/2024<br>11:19:00 AM |   | 4/26/2024<br>11:19:00 AM |   |
| Client Matrix                           |            |                            | Soil                     |   | Soil                     |   | Soil                     |   | Soil                     |   | Soil                     |   | Soil                     |   | Soil                     |   | Soil                     |   |
| Compound                                | CAS Number |                            | Result                   | Q | Result                   | Q | Result                   | Q | Result                   | Q | Result                   | Q | Result                   | Q | Result                   | Q | Result                   | Q |
| Mercury, TCLP                           |            | mg/L                       | mg/L                     |   | mg/L                     |   | mg/L                     |   | mg/L                     |   | mg/L                     |   | mg/L                     |   | mg/L                     |   | mg/L                     |   |
| Dilution Factor                         |            |                            | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   |
| Mercury                                 | 7439-97-6  | 0.2                        | 0.00020                  | U | 0.00020                  | U | 0.00020                  | U | 0.00020                  | U | 0.00020                  | U | 0.00020                  | U | 0.00020                  | U | 0.00020                  | U |
| TCLP Extraction for METALS EPA 1311     |            |                            | N/A                      |   | N/A                      |   | N/A                      |   | N/A                      |   | N/A                      |   | N/A                      |   | N/A                      |   | N/A                      |   |
| Dilution Factor                         |            |                            | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   |
| TCLP Extraction                         |            | ~                          | Completed                |   | Completed                |   | Completed                |   | Completed                |   | Completed                |   | Completed                |   | Completed                |   | Completed                |   |
| TCLP Extraction for SVOCS/PEST/HERB     |            |                            | N/A                      |   | N/A                      |   | N/A                      |   | N/A                      |   | N/A                      |   | N/A                      |   | N/A                      |   | N/A                      |   |
| Dilution Factor                         |            |                            | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   |
| TCLP Extraction                         |            | ~                          | Completed                |   | Completed                |   | Completed                |   | Completed                |   | Completed                |   | Completed                |   | Completed                |   | Completed                |   |
| TCLP Extraction for VOA by EPA 1311 ZHE |            |                            | N/A                      |   | N/A                      |   | N/A                      |   | N/A                      |   | N/A                      |   | N/A                      |   | N/A                      |   | N/A                      |   |
| Dilution Factor                         |            |                            | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   |
| TCLP Extraction                         |            | ~                          | Completed                |   | Completed                |   | Completed                |   | Completed                |   | Completed                |   | Completed                |   | Completed                |   | Completed                |   |
| Temperature                             |            |                            | °C                       |   | °C                       |   | °C                       |   | °C                       |   | °C                       |   | °C                       |   | °C                       |   | °C                       |   |
| Dilution Factor                         |            |                            | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   |
| Temperature                             |            | ~                          | 23.400                   |   | 22.600                   |   | 23.100                   |   | 23                       |   | 23                       |   | 23                       |   | 23.100                   |   | 23                       |   |
| Total Solids                            |            |                            | %                        |   | %                        |   | %                        |   | %                        |   | %                        |   | %                        |   | %                        |   | %                        |   |
| Dilution Factor                         |            |                            | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   |
| % Solids                                | solids     | ~                          | 78                       |   | 64.600                   |   | 78.500                   |   | 78.100                   |   | 75.600                   |   | 65.200                   |   | 76.700                   |   | 71.400                   |   |
| Herbicides, TCLP Target List            |            | mg/L                       | mg/L                     |   | mg/L                     |   | mg/L                     |   | mg/L                     |   | mg/L                     |   | mg/L                     |   | mg/L                     |   | mg/L                     |   |
| Dilution Factor                         |            |                            | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   | 1                        |   |
| 2,4,5-TP (Silvex)                       | 93-72-1    | 1                          | 0.00500                  | U | 0.00500                  | U | 0.00500                  | U | 0.00500                  | U | 0.00500                  | U | 0.00500                  | U | 0.00500                  | U | 0.00500                  | U |
| 2,4-D                                   | 94-75-7    | 10                         | 0.00500                  | U | 0.00500                  | U | 0.00500                  | U | 0.00500                  | U | 0.00500                  | U | 0.00500                  | U | 0.00500                  | U | 0.00500                  | U |

Table 4 : Delineation Soil Sample Summary Results- PCB's  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Client ID             | NYDEC 375-6     | NYDEC 375-6      | NYDEC 375-6     | NYDEC 375-6      | DS-1-A              |   |     | DS-1-B              |   |     | DS-1-C              |   |      | DS-1-D              |   |     | DS-1-A1             |   |       | DS-1-B1             |   |       | DS-1-C1             |   |       | DS-1-D1             |   |       |
|-----------------------|-----------------|------------------|-----------------|------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|------|---------------------|---|-----|---------------------|---|-------|---------------------|---|-------|---------------------|---|-------|---------------------|---|-------|
| Lab Sample ID         | Oil Cleanup Obj | Oil Cleanup Obj  | Oil Cleanup Obj | Oil Cleanup Obj  | 460-304730-1        |   |     | 460-304730-2        |   |     | 460-304730-3        |   |      | 460-304730-4        |   |     | 460-305272-1        |   |       | 460-305272-2        |   |       | 460-305272-3        |   |       | 460-305272-4        |   |       |
| Sampling Date         | Restricted Use  | Restricted Use   | Restricted Use  | Restricted Use   | 05/29/2024 00:00:00 |   |     | 05/29/2024 00:00:00 |   |     | 05/29/2024 00:00:00 |   |      | 05/29/2024 00:00:00 |   |     | 06/06/2024 00:00:00 |   |       | 06/06/2024 00:00:00 |   |       | 06/06/2024 00:00:00 |   |       | 06/06/2024 00:00:00 |   |       |
| Matrix                | Residential     | Restricted Resid | Commercial      | Protection of EC | Solid               |   |     | Solid               |   |     | Solid               |   |      | Solid               |   |     | Solid               |   |       | Solid               |   |       | Solid               |   |       | Solid               |   |       |
| Dilution Factor       |                 |                  |                 |                  | 10                  |   |     | 1                   |   |     | 50                  |   |      | 2                   |   |     | 2                   |   |       | 2                   |   |       | 1                   |   |       | 2                   |   |       |
| Unit                  | ug/kg           | ug/kg            | ug/kg           | ug/kg            | ug/kg               |   |     | ug/kg               |   |     | ug/kg               |   |      | ug/kg               |   |     | mg/kg               |   |       | mg/kg               |   |       | mg/kg               |   |       | mg/kg               |   |       |
|                       |                 |                  |                 |                  | Result              | Q | MDL | Result              | Q | MDL | Result              | Q | MDL  | Result              | Q | MDL | Result              | Q | MDL   | Result              | Q | MDL   | Result              | Q | MDL   | Result              | Q | MDL   |
| <b>SOLID BY 8082A</b> |                 |                  |                 |                  |                     |   |     |                     |   |     |                     |   |      |                     |   |     |                     |   |       |                     |   |       |                     |   |       |                     |   |       |
| Aroclor 1016          | NA              | NA               | NA              | NA               | 210                 | U | 210 | 20                  | U | 20  | 1100                | U | 1100 | 42                  | U | 42  | 0.039               | U | 0.039 | 0.039               | U | 0.039 | 0.020               | U | 0.020 | 0.039               | U | 0.039 |
| Aroclor 1221          | NA              | NA               | NA              | NA               | 210                 | U | 210 | 20                  | U | 20  | 1100                | U | 1100 | 42                  | U | 42  | 0.039               | U | 0.039 | 0.039               | U | 0.039 | 0.020               | U | 0.020 | 0.039               | U | 0.039 |
| Aroclor 1232          | NA              | NA               | NA              | NA               | 210                 | U | 210 | 20                  | U | 20  | 1100                | U | 1100 | 42                  | U | 42  | 0.039               | U | 0.039 | 0.039               | U | 0.039 | 0.020               | U | 0.020 | 0.039               | U | 0.039 |
| Aroclor 1242          | NA              | NA               | NA              | NA               | 210                 | U | 210 | 20                  | U | 20  | 1100                | U | 1100 | 42                  | U | 42  | 0.039               | U | 0.039 | 0.039               | U | 0.039 | 0.020               | U | 0.020 | 0.039               | U | 0.039 |
| Aroclor 1248          | NA              | NA               | NA              | NA               | <b>7500</b>         |   | 210 | 20                  | U | 20  | 1100                | U | 1100 | 42                  | U | 42  | 0.039               | U | 0.039 | 0.039               | U | 0.039 | 0.020               | U | 0.020 | 0.039               | U | 0.039 |
| Aroclor 1254          | NA              | NA               | NA              | NA               | 210                 | U | 210 | <b>460</b>          |   | 20  | <b>46000</b>        |   | 1100 | <b>1300</b>         |   | 42  | <b>1.6</b>          |   | 0.039 | <b>1.9</b>          |   | 0.039 | <b>0.42</b>         |   | 0.020 | <b>1.2</b>          |   | 0.039 |
| Aroclor 1260          | NA              | NA               | NA              | NA               | 210                 | U | 210 | 20                  | U | 20  | 1100                | U | 1100 | 42                  | U | 42  | 0.039               | U | 0.039 | 0.039               | U | 0.039 | 0.020               | U | 0.020 | 0.039               | U | 0.039 |
| Aroclor 1268          | NA              | NA               | NA              | NA               | 210                 | U | 210 | 20                  | U | 20  | 1100                | U | 1100 | 42                  | U | 42  | 0.039               | U | 0.039 | 0.039               | U | 0.039 | 0.020               | U | 0.020 | 0.039               | U | 0.039 |
| Aroclor-1262          | NA              | NA               | NA              | NA               | 1400                |   | 210 | 20                  | U | 20  | 1100                | U | 1100 | 42                  | U | 42  | 0.039               | U | 0.039 | 0.039               | U | 0.039 | 0.020               | U | 0.020 | 0.039               | U | 0.039 |
| Total PCBs            | <b>1000</b>     | <b>1000</b>      | <b>1000</b>     | <b>1000</b>      | <b>8900</b>         |   | 210 | <b>460</b>          |   | 20  | <b>46000</b>        |   | 1100 | <b>1300</b>         |   | 42  | <b>1.6</b>          |   | 0.039 | <b>1.9</b>          |   | 0.039 | <b>0.42</b>         |   | 0.020 | <b>1.2</b>          |   | 0.039 |

Highlighted Concentrations shown in bold type face exceed limits  
 U : Indicates the analyte was analyzed for but not detected.

Table 5 : Delineation Soil Sample Results -Total Lead  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Client ID                    | NYDEC 375-6     | NYDEC 375-6      | NYDEC 375-6     | NYDEC 375-6      | DS-1-A              |   |      | DS-1-B              |   |      | DS-1-C              |   |      | DS-1-D              |   |      | DS-16-A             |   |      | DS-16-B             |   |      | WC-16-1             |   |      | WC-16-2             |   |      | WC-16-3             |   |      |
|------------------------------|-----------------|------------------|-----------------|------------------|---------------------|---|------|---------------------|---|------|---------------------|---|------|---------------------|---|------|---------------------|---|------|---------------------|---|------|---------------------|---|------|---------------------|---|------|---------------------|---|------|
| Lab Sample ID                | oil Cleanup Obj | oil Cleanup Obj  | oil Cleanup Obj | oil Cleanup Obj  | 460-304730-1        |   |      | 460-304730-2        |   |      | 460-304730-3        |   |      | 460-304730-4        |   |      | 460-304730-5        |   |      | 460-304730-6        |   |      | 460-304730-7        |   |      | 460-304730-8        |   |      | 460-304730-9        |   |      |
| Sampling Date                | Restricted Use  | Restricted Use   | Restricted Use  | Restricted Use   | 05/29/2024 00:00:00 |   |      | 05/29/2024 00:00:00 |   |      | 05/29/2024 00:00:00 |   |      | 05/29/2024 00:00:00 |   |      | 05/29/2024 00:00:00 |   |      | 05/29/2024 00:00:00 |   |      | 05/29/2024 00:00:00 |   |      | 05/29/2024 00:00:00 |   |      | 05/29/2024 00:00:00 |   |      |
| Matrix                       | Residential     | Restricted Resid | Commercial      | Protection of EC | Solid               |   |      | Solid               |   |      | Solid               |   |      | Solid               |   |      | Solid               |   |      | Solid               |   |      | Solid               |   |      | Solid               |   |      | Solid               |   |      |
| Unit                         |                 |                  |                 |                  |                     |   |      |                     |   |      |                     |   |      |                     |   |      |                     |   |      |                     |   |      |                     |   |      |                     |   |      |                     |   |      |
|                              |                 |                  |                 |                  | Result              | Q | MDL  | Result              | Q | MDL  | Result              | Q | MDL  | Result              | Q | MDL  | Result              | Q | MDL  | Result              | Q | MDL  | Result              | Q | MDL  | Result              | Q | MDL  | Result              | Q | MDL  |
| <b>SOLID BY 6020B(MG/KG)</b> |                 |                  |                 |                  |                     |   |      |                     |   |      |                     |   |      |                     |   |      |                     |   |      |                     |   |      |                     |   |      |                     |   |      |                     |   |      |
| Lead                         | 400             | 400              | 1000            | 63               | <b>1020</b>         |   | 0.23 | <b>77.4</b>         |   | 0.22 | <b>874</b>          |   | 0.23 | <b>1470</b>         |   | 0.22 | <b>795</b>          |   | 0.35 | <b>946</b>          |   | 0.24 | <b>172</b>          |   | 0.23 | <b>292</b>          |   | 0.21 | <b>44.3</b>         |   | 0.20 |

Highlighted Concentrations shown in bold type face exceed limits



Table 6 : Delineation Soil Sample Summary Results -Total Lead  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW

| Client ID                  | USEPA      | DS-1-A              |    |     | DS-1-B              |    |     | DS-1-C              |    |     | DS-1-D              |    |     | DS-16-A             |    |     | DS-16-B             |    |     | WC-16-1             |    |     | WC-16-2             |    |     | WC-16-3             |    |     | WC-16-4             |    |     | WC-16-5             |    |     |
|----------------------------|------------|---------------------|----|-----|---------------------|----|-----|---------------------|----|-----|---------------------|----|-----|---------------------|----|-----|---------------------|----|-----|---------------------|----|-----|---------------------|----|-----|---------------------|----|-----|---------------------|----|-----|---------------------|----|-----|
| Lab Sample ID              | TCLP Limit | 460-304730-1        |    |     | 460-304730-2        |    |     | 460-304730-3        |    |     | 460-304730-4        |    |     | 460-304730-5        |    |     | 460-304730-6        |    |     | 460-304730-7        |    |     | 460-304730-8        |    |     | 460-304730-9        |    |     | 460-304730-10       |    |     | 460-304730-11       |    |     |
| Sampling Date              |            | 05/29/2024 00:00:00 |    |     | 05/29/2024 00:00:00 |    |     | 05/29/2024 00:00:00 |    |     | 05/29/2024 00:00:00 |    |     | 05/29/2024 00:00:00 |    |     | 05/29/2024 00:00:00 |    |     | 05/29/2024 00:00:00 |    |     | 05/29/2024 00:00:00 |    |     | 05/29/2024 00:00:00 |    |     | 05/29/2024 00:00:00 |    |     | 05/29/2024 00:00:00 |    |     |
| Matrix                     |            | TCLP                |    |     | TCLP                |    |     | TCLP                |    |     | TCLP                |    |     | TCLP                |    |     | TCLP                |    |     | TCLP                |    |     | TCLP                |    |     | TCLP                |    |     | TCLP                |    |     | TCLP                |    |     |
| Unit                       |            |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |
|                            |            | Result              | Q  | MDL | Result              | Q  | MDL | Result              | Q  | MDL | Result              | Q  | MDL | Result              | Q  | MDL | Result              | Q  | MDL | Result              | Q  | MDL | Result              | Q  | MDL | Result              | Q  | MDL | Result              | Q  | MDL | Result              | Q  | MDL |
| TCLP BY 6020B(UG/L)        |            |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |
| Lead                       | 5000       | 1040                |    | 8.4 | 79.7                |    | 8.4 | 645                 |    | 8.4 | 1320                |    | 8.4 | 1030                |    | 8.4 | <b>13400</b>        |    | 8.4 | 2100                |    | 8.4 | 2180                |    | 8.4 | 547                 |    | 8.4 | 170                 |    | 8.4 | <b>8020</b>         |    | 8.4 |
| TCLP SUMMARY               |            |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |
| Leachate Fluid Initial Amt | NA         |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |
| Sample Initial Amt         | NA         | 0.10004             | Kg |     | 0.10005             | Kg |     | 0.10001             | Kg |     | 0.10005             | Kg |     | 0.10002             | Kg |     | 0.10006             | Kg |     | 0.10004             | Kg |     | 0.10005             | Kg |     | 0.10001             | Kg |     | 0.10002             | Kg |     | 0.10005             | Kg |     |
| Leachate Final pH          | NA         | 5.20                | SU |     | 5.02                | SU |     | 5.11                | SU |     | 5.09                | SU |     | 5.18                | SU |     | 5.22                | SU |     | 5.27                | SU |     | 5.16                | SU |     | 5.12                | SU |     | 5.15                | SU |     | 5.18                | SU |     |
| Leachate Final Amt         | NA         | 2                   | L  |     | 2                   | L  |     | 2                   | L  |     | 2                   | L  |     | 2                   | L  |     | 2                   | L  |     | 2                   | L  |     | 2                   | L  |     | 2                   | L  |     | 2                   | L  |     | 2                   | L  |     |


Highlighted Concentrations shown in bold type face exceed limits





Table 6 : Delineation Soil Sample Summary Results -Total Lead  
 Four Sparrow Marsh Tidal Wetland Mitigation, Brooklyn, NY  
 NYC DDC PROJECT ID: WTM4SPRW


| Client ID                  | USEPA      | WC-16-6             |    |     | DS-1-A1             |    |     | DS-1-B1             |    |     | DS-1-C1             |    |     | DS-1-D1             |    |     | DS-16-A1            |    |     | DS-16-B1            |    |     |
|----------------------------|------------|---------------------|----|-----|---------------------|----|-----|---------------------|----|-----|---------------------|----|-----|---------------------|----|-----|---------------------|----|-----|---------------------|----|-----|
| Lab Sample ID              | TCLP Limit | 460-304730-12       |    |     | 460-305272-1        |    |     | 460-305272-2        |    |     | 460-305272-3        |    |     | 460-305272-4        |    |     | 460-305272-5        |    |     | 460-305272-6        |    |     |
| Sampling Date              |            | 05/29/2024 00:00:00 |    |     | 06/06/2024 00:00:00 |    |     | 06/06/2024 00:00:00 |    |     | 06/06/2024 00:00:00 |    |     | 06/06/2024 00:00:00 |    |     | 06/06/2024 00:00:00 |    |     | 06/06/2024 00:00:00 |    |     |
| Matrix                     |            | TCLP                |    |     | TCLP                |    |     | TCLP                |    |     | TCLP                |    |     | TCLP                |    |     | TCLP                |    |     | TCLP                |    |     |
| Unit                       |            |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |
|                            |            | Result              | Q  | MDL | Result              | Q  | MDL | Result              | Q  | MDL | Result              | Q  | MDL | Result              | Q  | MDL | Result              | Q  | MDL | Result              | Q  | MDL |
| TCLP BY 6020B(UG/L)        |            |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |
| Lead                       | 5000       | 6940                |    | 8.4 | 614                 | F1 | 8.4 | 1050                |    | 8.4 | 191                 |    | 8.4 | 529                 |    | 8.4 | 31.3                |    | 8.4 | 24.2                |    | 8.4 |
| TCLP SUMMARY               |            |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |
| Leachate Fluid Initial Amt | NA         |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |                     |    |     |
| Sample Initial Amt         | NA         | 0.10006             | Kg |     | 0.10007             | Kg |     | 0.10003             | Kg |     | 0.10003             | Kg |     | 0.10005             | Kg |     | 0.1                 | Kg |     | 0.10009             | Kg |     |
| Leachate Final pH          | NA         | 5.20                | SU |     | 5.36                | SU |     | 5.15                | SU |     | 5.03                | SU |     | 5.11                | SU |     | 4.95                | SU |     | 5.00                | SU |     |
| Leachate Final Amt         | NA         | 2                   | L  |     | 2                   | L  |     | 2                   | L  |     | 2                   | L  |     | 2                   | L  |     | 2                   | L  |     | 2                   | L  |     |


# APPENDIX-A


|  |                              |  |  |                                       |                 |               |             |
|--|------------------------------|--|--|---------------------------------------|-----------------|---------------|-------------|
| <b>SOIL BORING LOG</b>   |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-3-1</b> |             |
|   |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>1</b>        |               |             |
|  |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>10:30 am</b> |                 |               |             |
| <b>EcoTerra Consulting<br/>LLC</b>   |                              | <b>Driller:</b>  | PG Environmental                                     |                                       |                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854  |                              | <b>Logged By:</b>  | HP   | <b>Date: 04/25/2024</b>               |                 |               |             |
|  |                              |  |  |                                       |                 |               |             |
| <b>Depth (feet)</b>  | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>    | <b>NAPL</b> |
| 1  | 20                           | Black organic silt with trace clay followed by black<br>brown to dark brown sand with trace silt |  | No                                    | Yes             | 0             | No          |
| 2  |                              |  |  |                                       |                 |               |             |
| 3  |                              |  |  |                                       |                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.   |                              |  |  |                                       |                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected   |                              |  |  |                                       |                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for<br>environmental purposes only. |                              |  |  |                                       |                 |               |             |

|   |                          |   |  |                                       |                 |                         |             |
|---|--------------------------|---|--|---------------------------------------|-----------------|-------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-3-2</b>           |             |
|    |                          | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>2</b>        |                         |             |
|   |                          | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>10:35 am</b> |                 |                         |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                          | <b>Driller:</b>   | PG Environmental                                     |                                       |                 | <b>Date: 04/25/2024</b> |             |
|   |                          | <b>Logged By:</b>   | HP   |                                       |                 |                         |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          |   |  |                                       |                 |                         |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>              | <b>NAPL</b> |
| 1   | 24                       | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt |  | No                                    | Yes             | 0                       | No          |
| 2   |                          |   |  |                                       |                 |                         |             |
| 3   |                          |   |  |                                       |                 |                         |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                          |   |  |                                       |                 |                         |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |   |  |                                       |                 |                         |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |   |  |                                       |                 |                         |             |


|   |                          |   |  |                                |                                 |               |             |
|---|--------------------------|---|--|--------------------------------|---------------------------------|---------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                                 | <b>WC-3-4</b> |             |
|    |                          | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 3                               |               |             |
|   |                          | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br>10:40 am | <b>Finish Time:</b><br>10:45 am |               |             |
| <b>Driller:</b>   | PG Environmental         |   |  |                                |                                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          | <b>Logged By:</b>   | HP   | <b>Date: 04/25/2024</b>        |                                 |               |             |
|   |                          |   |  |                                |                                 |               |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                    | <b>Moisture</b>                 | <b>PID</b>    | <b>NAPL</b> |
| 1   | 18                       | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt |  | No                             | Yes                             | 0             | No          |
| 2   |                          |   |  |                                |                                 |               |             |
| 3   |                          |   |  |                                |                                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |   |  |                                |                                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |   |  |                                |                                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |   |  |                                |                                 |               |             |


|  |                              |  |  |                                       |                 |               |             |
|--|------------------------------|--|--|---------------------------------------|-----------------|---------------|-------------|
| <b>SOIL BORING LOG</b>   |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-3-3</b> |             |
|   |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>4</b>        |               |             |
|  |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>10:45 am</b> |                 |               |             |
| <b>EcoTerra Consulting<br/>LLC</b>   |                              | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/25/2024</b>               |                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854  |                              | <b>Logged By:</b>  | HP   |                                       |                 |               |             |
| <b>Depth (feet)</b>  | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>    | <b>NAPL</b> |
| 1  | 22                           | Black organic silt with trace clay followed by black<br>brown to dark brown sand with trace silt |  | No                                    | Yes             | 0             | No          |
| 2  |                              |  |  |                                       |                 |               |             |
| 3  |                              |  |  |                                       |                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.   |                              |  |  |                                       |                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected   |                              |  |  |                                       |                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for<br>environmental purposes only. |                              |  |  |                                       |                 |               |             |


|  |                              |  |  |                                       |                 |               |             |
|--|------------------------------|--|--|---------------------------------------|-----------------|---------------|-------------|
| <b>SOIL BORING LOG</b>   |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-7-1</b> |             |
|   |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>5</b>        |               |             |
|  |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>10:50 am</b> |                 |               |             |
| <b>EcoTerra Consulting<br/>LLC</b>   |                              | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/25/2024</b>               |                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854  |                              | <b>Logged By:</b>  | HP   |                                       |                 |               |             |
| <b>Depth (feet)</b>  | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>    | <b>NAPL</b> |
| 1  | 24                           | Black organic silt with trace clay followed by black<br>brown to dark brown sand with trace silt |  | No                                    | Yes             | 0             | No          |
| 2  |                              |  |  |                                       |                 |               |             |
| 3  |                              |  |  |                                       |                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.   |                              |  |  |                                       |                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected   |                              |  |  |                                       |                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for<br>environmental purposes only. |                              |  |  |                                       |                 |               |             |


|   |                              |  |  |                                       |                 |                         |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|-------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-7-2</b>           |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>6</b>        |                         |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>10:55 am</b> |                 |                         |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     |                                       |                 | <b>Date: 04/25/2024</b> |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                         |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                         |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>              | <b>NAPL</b> |
| 1   | 24                           | <b>Black organic silt with trace clay followed by black<br/>brown to dark brown sand with trace silt</b> |  | No                                    | Yes             | 0                       | No          |
| 2   |                              |  |  |                                       |                 |                         |             |
| 3   |                              |  |  |                                       |                 |                         |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |  |  |                                       |                 |                         |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                         |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                         |             |





|   |                          |   |  |                                |                 |               |             |
|---|--------------------------|---|--|--------------------------------|-----------------|---------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                 | <b>WC-7-4</b> |             |
|    |                          | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 7               |               |             |
|   |                          | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br>11:00 am |                 |               |             |
| EcoTerra Consulting<br>LLC  |                          | <b>Driller:</b>   | PG Environmental                                     | <b>Date: 04/25/2024</b>        |                 |               |             |
|   |                          | <b>Logged By:</b>   | HP   |                                |                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          |   |  |                                |                 |               |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                    | <b>Moisture</b> | <b>PID</b>    | <b>NAPL</b> |
| 1   | 20                       | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt |  | No                             | Yes             | 0             | No          |
| 2   |                          |   |  |                                |                 |               |             |
| 3   |                          |   |  |                                |                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |   |  |                                |                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |   |  |                                |                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |   |  |                                |                 |               |             |


|  |                              |  |  |                                       |                 |               |             |
|--|------------------------------|--|--|---------------------------------------|-----------------|---------------|-------------|
| <b>SOIL BORING LOG</b>   |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-7-3</b> |             |
|   |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>8</b>        |               |             |
|  |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>11:05 am</b> |                 |               |             |
| <b>EcoTerra Consulting<br/>LLC</b>   |                              | <b>Driller:</b>  | PG Environmental                                     |                                       |                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854  |                              | <b>Logged By:</b>  | HP   | <b>Date: 04/25/2024</b>               |                 |               |             |
| <b>Depth (feet)</b>  | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>    | <b>NAPL</b> |
| 1  | 28                           | Black organic silt with trace clay followed by black<br>brown to dark brown sand with trace silt |  | No                                    | Yes             | 0             | No          |
| 2  |                              |  |  |                                       |                 |               |             |
| 3  |                              |  |  |                                       |                 |               |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected   |                              |  |  |                                       |                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for<br>environmental purposes only. |                              |  |  |                                       |                 |               |             |


|   |                          |   |  |                                |                 |               |             |
|---|--------------------------|---|--|--------------------------------|-----------------|---------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                 | <b>WC-6-4</b> |             |
|    |                          | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 9               |               |             |
|   |                          | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br>11:10 am |                 |               |             |
| EcoTerra Consulting<br>LLC  |                          | <b>Driller:</b>   | PG Environmental                                     |                                |                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          | <b>Logged By:</b>   | HP   | <b>Date: 04/25/2024</b>        |                 |               |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                    | <b>Moisture</b> | <b>PID</b>    | <b>NAPL</b> |
| 1   | 26                       | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt |  | No                             | Yes             | 0             | No          |
| 2   |                          |   |  |                                |                 |               |             |
| 3   |                          |   |  |                                |                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |   |  |                                |                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |   |  |                                |                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |   |  |                                |                 |               |             |

|  |                              |  |  |                                       |                 |               |             |
|--|------------------------------|--|--|---------------------------------------|-----------------|---------------|-------------|
| <b>SOIL BORING LOG</b>   |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-6-3</b> |             |
|   |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>10</b>       |               |             |
|  |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>11:15 am</b> |                 |               |             |
| <b>EcoTerra Consulting<br/>LLC</b>   |                              | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/25/2024</b>               |                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854  |                              | <b>Logged By:</b>  | HP   |                                       |                 |               |             |
| <b>Depth (feet)</b>  | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>    | <b>NAPL</b> |
| 1  | 24                           | Black organic silt with trace clay followed by black<br>brown to dark brown sand with trace silt |  | No                                    | Yes             | 0             | No          |
| 2  |                              |  |  |                                       |                 |               |             |
| 3  |                              |  |  |                                       |                 |               |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected   |                              |  |  |                                       |                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for<br>environmental purposes only. |                              |  |  |                                       |                 |               |             |


|   |                          |   |  |                                |                                 |               |             |
|---|--------------------------|---|--|--------------------------------|---------------------------------|---------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                                 | <b>WC-6-1</b> |             |
|    |                          | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 11                              |               |             |
|   |                          | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br>11:20 am | <b>Finish Time:</b><br>11:25 am |               |             |
| <b>Driller:</b>   | PG Environmental         |   |  |                                |                                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          | <b>Logged By:</b>   | HP   | <b>Date: 04/25/2024</b>        |                                 |               |             |
|   |                          |   |  |                                |                                 |               |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                    | <b>Moisture</b>                 | <b>PID</b>    | <b>NAPL</b> |
| 1   | 26                       | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt |  | No                             | Yes                             | 0             | No          |
| 2   |                          |   |  |                                |                                 |               |             |
| 3   |                          |   |  |                                |                                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |   |  |                                |                                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |   |  |                                |                                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |   |  |                                |                                 |               |             |


|   |                          |   |  |                                |                                 |               |             |
|---|--------------------------|---|--|--------------------------------|---------------------------------|---------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                                 | <b>WC-6-2</b> |             |
|    |                          | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 12                              |               |             |
|   |                          | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br>11:25 am | <b>Finish Time:</b><br>11:30 am |               |             |
| <b>Driller:</b>   | PG Environmental         |   |  |                                |                                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          | <b>Logged By:</b>   | HP   | <b>Date: 04/25/2024</b>        |                                 |               |             |
|   |                          |   |  |                                |                                 |               |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                    | <b>Moisture</b>                 | <b>PID</b>    | <b>NAPL</b> |
| 1   | 30                       | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt |  | No                             | Yes                             | 0             | No          |
| 2   |                          |   |  |                                |                                 |               |             |
| 3   |                          |   |  |                                |                                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |   |  |                                |                                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |   |  |                                |                                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |   |  |                                |                                 |               |             |


|  |                              |  |  |                                       |                 |               |             |
|--|------------------------------|--|--|---------------------------------------|-----------------|---------------|-------------|
| <b>SOIL BORING LOG</b>   |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-2-4</b> |             |
|   |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>13</b>       |               |             |
|  |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>11:30 am</b> |                 |               |             |
| <b>EcoTerra Consulting<br/>LLC</b>   |                              | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/25/2024</b>               |                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854  |                              | <b>Logged By:</b>  | HP   |                                       |                 |               |             |
| <b>Depth (feet)</b>  | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>    | <b>NAPL</b> |
| 1  | 28                           | Black organic silt with trace clay followed by black<br>brown to dark brown sand with trace silt |  | No                                    | Yes             | 0             | No          |
| 2  |                              |  |  |                                       |                 |               |             |
| 3  |                              |  |  |                                       |                 |               |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected   |                              |  |  |                                       |                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for<br>environmental purposes only. |                              |  |  |                                       |                 |               |             |


|   |                          |   |  |                                       |                 |                         |             |
|---|--------------------------|---|--|---------------------------------------|-----------------|-------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-2-2</b>           |             |
|    |                          | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>14</b>       |                         |             |
|   |                          | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>11:35 am</b> |                 |                         |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                          | <b>Driller:</b>   | PG Environmental                                     |                                       |                 | <b>Date: 04/25/2024</b> |             |
|   |                          | <b>Logged By:</b>   | HP   |                                       |                 |                         |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          |   |  |                                       |                 |                         |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>              | <b>NAPL</b> |
| 1   | 24                       | Black organic silt with trace clay followed by dark brown sand with trace silt, bricks and stones |  | No                                    | Yes             | 0                       | No          |
| 2   |                          |   |  |                                       |                 |                         |             |
| 3   |                          |   |  |                                       |                 |                         |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |   |  |                                       |                 |                         |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |   |  |                                       |                 |                         |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |   |  |                                       |                 |                         |             |





|   |                              |  |  |                                 |                 |                                  |             |
|---|------------------------------|--|--|---------------------------------|-----------------|----------------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>          |                 | <b>WC-2-3</b>                    |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                   | <b>15</b>       |                                  |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:<br/>11:40 am</b> |                 | <b>Finish Time:<br/>11:45 am</b> |             |
|   |                              | <b>Driller:</b>  | PG Environmental                                     |                                 |                 |                                  |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>  | HP   | <b>Date: 04/25/2024</b>         |                 |                                  |             |
|   |                              |  |  |                                 |                 |                                  |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                     | <b>Moisture</b> | <b>PID</b>                       | <b>NAPL</b> |
| 1   | 26                           | <b>Black organic silt with trace clay followed by black<br/>brown to dark brown sand with trace silt</b> |  | No                              | Yes             | 0                                | No          |
| 2   |                              |  |  |                                 |                 |                                  |             |
| 3   |                              |  |  |                                 |                 |                                  |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |  |  |                                 |                 |                                  |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                 |                 |                                  |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                 |                 |                                  |             |


|   |                              |  |  |                                       |                 |                         |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|-------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-2-1</b>           |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>16</b>       |                         |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>11:45 am</b> |                 |                         |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     |                                       |                 | <b>Date: 04/25/2024</b> |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                         |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                         |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>              | <b>NAPL</b> |
| 1   | 24                           | <b>Black organic silt with trace clay followed by dark<br/>brown sand with trace silt, bricks and stones</b> |  | No                                    | Yes             | 0                       | No          |
| 2   |                              |  |  |                                       |                 |                         |             |
| 3   |                              |  |  |                                       |                 |                         |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |  |  |                                       |                 |                         |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                         |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                         |             |


|   |                          |   |  |                                |                 |                                 |             |
|---|--------------------------|---|--|--------------------------------|-----------------|---------------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                 | <b>WC-1-1</b>                   |             |
|    |                          | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 17              |                                 |             |
| EcoTerra Consulting<br>LLC  |                          | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br>11:50 am |                 | <b>Finish Time:</b><br>11:55 am |             |
|   |                          | <b>Driller:</b>   | PG Environmental                                     |                                |                 |                                 |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          | <b>Logged By:</b>   | HP   | <b>Date: 04/25/2024</b>        |                 |                                 |             |
|   |                          |   |  |                                |                 |                                 |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                    | <b>Moisture</b> | <b>PID</b>                      | <b>NAPL</b> |
| 1   | 32                       | Black organic silt with trace clay followed by dark brown sand with trace silt, bricks and stones |  | No                             | Yes             | 0                               | No          |
| 2   |                          |   |  |                                |                 |                                 |             |
| 3   |                          |   |  |                                |                 |                                 |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |   |  |                                |                 |                                 |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |   |  |                                |                 |                                 |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |   |  |                                |                 |                                 |             |

|   |                              |  |  |                                 |                 |                                  |             |
|---|------------------------------|--|--|---------------------------------|-----------------|----------------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>          |                 | <b>WC-1-2</b>                    |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                   | <b>18</b>       |                                  |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:<br/>11:55 am</b> |                 | <b>Finish Time:<br/>12:00 pm</b> |             |
|   |                              | <b>Driller:</b>  | PG Environmental                                     |                                 |                 |                                  |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>  | HP   | <b>Date: 04/25/2024</b>         |                 |                                  |             |
|   |                              |  |  |                                 |                 |                                  |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                     | <b>Moisture</b> | <b>PID</b>                       | <b>NAPL</b> |
| 1   | 30                           | <b>Black organic silt with trace clay followed by dark<br/>brown sand with trace silt, bricks and stones</b> |  | No                              | Yes             | 0                                | No          |
| 2   |                              |  |  |                                 |                 |                                  |             |
| 3   |                              |  |  |                                 |                 |                                  |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                 |                 |                                  |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                 |                 |                                  |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                 |                 |                                  |             |


|   |                              |   |  |                                       |                 |               |             |
|---|------------------------------|---|--|---------------------------------------|-----------------|---------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-1-4</b> |             |
|    |                              | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>19</b>       |               |             |
|   |                              | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>12:00 pm</b> |                 |               |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>   | PG Environmental                                     | <b>Date: 04/25/2024</b>               |                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>   | HP   |                                       |                 |               |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>    | <b>NAPL</b> |
| 1   | 24                           | Black organic silt with trace clay followed by dark brown sand with trace silt, bricks and stones |  | No                                    | Yes             | 0             | No          |
| 2   |                              |   |  |                                       |                 |               |             |
| 3   |                              |   |  |                                       |                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |   |  |                                       |                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |   |  |                                       |                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |   |  |                                       |                 |               |             |


|   |                              |  |  |                                       |                 |                         |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|-------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-1-3</b>           |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>20</b>       |                         |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>12:05 pm</b> |                 |                         |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     |                                       |                 | <b>Date: 04/25/2024</b> |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                         |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                         |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>              | <b>NAPL</b> |
| 1   | 26                           | <b>Black organic silt with trace clay followed by dark<br/>brown sand with trace silt, bricks and stones</b> |  | No                                    | Yes             | 0                       | No          |
| 2   |                              |  |  |                                       |                 |                         |             |
| 3   |                              |  |  |                                       |                 |                         |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                         |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                         |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                         |             |


|   |                              |  |  |                                 |                 |                                  |             |
|---|------------------------------|--|--|---------------------------------|-----------------|----------------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>          |                 | <b>WC-5-1</b>                    |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                   | <b>21</b>       |                                  |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:<br/>12:10 pm</b> |                 | <b>Finish Time:<br/>12:15 pm</b> |             |
|   |                              | <b>Driller:</b>  | PG Environmental                                     |                                 |                 |                                  |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>  | HP   | <b>Date: 04/25/2024</b>         |                 |                                  |             |
|   |                              |  |  |                                 |                 |                                  |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                     | <b>Moisture</b> | <b>PID</b>                       | <b>NAPL</b> |
| 1   | 30                           | <b>Black organic silt with trace clay followed by dark<br/>brown sand with trace silt, bricks and stones</b> |  | No                              | Yes             | 0                                | No          |
| 2   |                              |  |  |                                 |                 |                                  |             |
| 3   |                              |  |  |                                 |                 |                                  |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                 |                 |                                  |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                 |                 |                                  |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                 |                 |                                  |             |


|   |                          |   |  |                                |                 |               |             |
|---|--------------------------|---|--|--------------------------------|-----------------|---------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                 | <b>WC-5-3</b> |             |
|    |                          | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 22              |               |             |
|   |                          | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br>12:15 pm |                 |               |             |
| EcoTerra Consulting<br>LLC  |                          | <b>Driller:</b>   | PG Environmental                                     | <b>Date: 04/25/2024</b>        |                 |               |             |
|   |                          | <b>Logged By:</b>   | HP   |                                |                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          |   |  |                                |                 |               |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                    | <b>Moisture</b> | <b>PID</b>    | <b>NAPL</b> |
| 1   | 32                       | Black organic silt with trace clay followed by dark brown sand with trace silt, bricks and stones |  | No                             | Yes             | 0             | No          |
| 2   |                          |   |  |                                |                 |               |             |
| 3   |                          |   |  |                                |                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |   |  |                                |                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |   |  |                                |                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |   |  |                                |                 |               |             |





|   |                          |   |  |                                |                                 |               |             |
|---|--------------------------|---|--|--------------------------------|---------------------------------|---------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                                 | <b>WC-5-4</b> |             |
|    |                          | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 23                              |               |             |
|   |                          | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br>12:20 pm | <b>Finish Time:</b><br>12:25 pm |               |             |
| <b>Driller:</b>   | PG Environmental         |   |  |                                |                                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          | <b>Logged By:</b>   | HP   | <b>Date: 04/25/2024</b>        |                                 |               |             |
|   |                          |   |  |                                |                                 |               |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                    | <b>Moisture</b>                 | <b>PID</b>    | <b>NAPL</b> |
| 1   | 28                       | Black organic silt with trace clay followed by dark brown sand with trace silt, bricks and stones |  | No                             | Yes                             | 0             | No          |
| 2   |                          |   |  |                                |                                 |               |             |
| 3   |                          |   |  |                                |                                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |   |  |                                |                                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |   |  |                                |                                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |   |  |                                |                                 |               |             |


|   |                          |   |  |                                |                                 |               |             |
|---|--------------------------|---|--|--------------------------------|---------------------------------|---------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                                 | <b>WC-5-2</b> |             |
|    |                          | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 24                              |               |             |
|   |                          | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br>12:25 pm | <b>Finish Time:</b><br>12:30 pm |               |             |
| <b>Driller:</b>   | PG Environmental         |   |  |                                |                                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          | <b>Logged By:</b>   | HP   | <b>Date: 04/25/2024</b>        |                                 |               |             |
|   |                          |   |  |                                |                                 |               |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                    | <b>Moisture</b>                 | <b>PID</b>    | <b>NAPL</b> |
| 1   | 26                       | Black organic silt with trace clay followed by dark brown sand with trace silt, bricks and stones |  | No                             | Yes                             | 0             | No          |
| 2   |                          |   |  |                                |                                 |               |             |
| 3   |                          |   |  |                                |                                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |   |  |                                |                                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |   |  |                                |                                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |   |  |                                |                                 |               |             |


|   |                              |   |  |                                       |                 |               |             |
|---|------------------------------|---|--|---------------------------------------|-----------------|---------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-9-2</b> |             |
|    |                              | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>25</b>       |               |             |
|   |                              | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>12:30 pm</b> |                 |               |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>   | PG Environmental                                     | <b>Date: 04/25/2024</b>               |                 |               |             |
|   |                              | <b>Logged By:</b>   | HP   |                                       |                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |   |  |                                       |                 |               |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>    | <b>NAPL</b> |
| 1   | 28                           | Black organic silt with trace clay followed by dark brown sand with trace silt, bricks and stones |  | No                                    | Yes             | 0             | No          |
| 2   |                              |   |  |                                       |                 |               |             |
| 3   |                              |   |  |                                       |                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |   |  |                                       |                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |   |  |                                       |                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |   |  |                                       |                 |               |             |

|   |                          |   |  |                                |                                 |               |             |
|---|--------------------------|---|--|--------------------------------|---------------------------------|---------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                                 | <b>WC-9-1</b> |             |
|    |                          | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 26                              |               |             |
|   |                          | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br>12:35 pm | <b>Finish Time:</b><br>12:40 pm |               |             |
| <b>Driller:</b>   | PG Environmental         |   |  |                                |                                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          | <b>Logged By:</b>   | HP   | <b>Date: 04/25/2024</b>        |                                 |               |             |
|   |                          |   |  |                                |                                 |               |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                    | <b>Moisture</b>                 | <b>PID</b>    | <b>NAPL</b> |
| 1   | 30                       | Black organic silt with trace clay followed by dark brown sand with trace silt, bricks and stones |  | No                             | Yes                             | 0             | No          |
| 2   |                          |   |  |                                |                                 |               |             |
| 3   |                          |   |  |                                |                                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |   |  |                                |                                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |   |  |                                |                                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |   |  |                                |                                 |               |             |


|   |                              |   |  |                                |                 |               |             |
|---|------------------------------|---|--|--------------------------------|-----------------|---------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                 | <b>WC-9-3</b> |             |
|    |                              | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 27              |               |             |
|   |                              | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br>12:40 pm |                 |               |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>   | PG Environmental                                     | <b>Date: 04/25/2024</b>        |                 |               |             |
|   |                              | <b>Logged By:</b>   | HP   |                                |                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |   |  |                                |                 |               |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                    | <b>Moisture</b> | <b>PID</b>    | <b>NAPL</b> |
| 1   | 28                           | Black organic silt with trace clay followed by dark brown sand with trace silt, bricks and stones |  | No                             | Yes             | 0             | No          |
| 2   |                              |   |  |                                |                 |               |             |
| 3   |                              |   |  |                                |                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |   |  |                                |                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |   |  |                                |                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |   |  |                                |                 |               |             |


|   |                              |  |  |                                       |                 |                         |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|-------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-9-4</b>           |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>28</b>       |                         |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>12:45 pm</b> |                 |                         |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     |                                       |                 | <b>Date: 04/25/2024</b> |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                         |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                         |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>              | <b>NAPL</b> |
| 1   | 30                           | <b>Black organic silt with trace clay followed by dark<br/>brown sand with trace silt, bricks and stones</b> |  | No                                    | Yes             | 0                       | No          |
| 2   |                              |  |  |                                       |                 |                         |             |
| 3   |                              |  |  |                                       |                 |                         |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |  |  |                                       |                 |                         |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                         |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                         |             |


|   |                              |   |  |                                 |                 |                                  |             |
|---|------------------------------|---|--|---------------------------------|-----------------|----------------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>          |                 | <b>WC-4-1</b>                    |             |
|    |                              | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                   | <b>29</b>       |                                  |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:<br/>12:50 pm</b> |                 | <b>Finish Time:<br/>12:55 pm</b> |             |
|   |                              | <b>Driller:</b>   | PG Environmental                                     |                                 |                 |                                  |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>   | HP   | <b>Date: 04/25/2024</b>         |                 |                                  |             |
|   |                              |   |  |                                 |                 |                                  |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                     | <b>Moisture</b> | <b>PID</b>                       | <b>NAPL</b> |
| 1   | 28                           | <b>Black organic silt with trace clay followed by black<br/>brown to dark brown sand with trace silt.</b> |  | No                              | Yes             | 0                                | No          |
| 2   |                              |   |  |                                 |                 |                                  |             |
| 3   |                              |   |  |                                 |                 |                                  |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |   |  |                                 |                 |                                  |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |   |  |                                 |                 |                                  |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |   |  |                                 |                 |                                  |             |


|   |                              |  |  |                                       |                 |                         |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|-------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-4-2</b>           |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>30</b>       |                         |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>12:55 pm</b> |                 |                         |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     |                                       |                 | <b>Date: 04/25/2024</b> |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                         |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                         |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>              | <b>NAPL</b> |
| 1   | 26                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0                       | No          |
| 2   |                              |  |  |                                       |                 |                         |             |
| 3   |                              |  |  |                                       |                 |                         |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |  |  |                                       |                 |                         |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                         |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                         |             |





|   |                              |   |  |                                 |                 |                                  |             |
|---|------------------------------|---|--|---------------------------------|-----------------|----------------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>          |                 | <b>WC-4-3</b>                    |             |
|    |                              | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                   | <b>31</b>       |                                  |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:<br/>01:00 pm</b> |                 | <b>Finish Time:<br/>01:05 pm</b> |             |
|   |                              | <b>Driller:</b>   | PG Environmental                                     |                                 |                 |                                  |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>   | HP   | <b>Date: 04/25/2024</b>         |                 |                                  |             |
|   |                              |   |  |                                 |                 |                                  |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                     | <b>Moisture</b> | <b>PID</b>                       | <b>NAPL</b> |
| 1   | 28                           | <b>Black organic silt with trace clay followed by black<br/>brown to dark brown sand with trace silt.</b> |  | No                              | Yes             | 0                                | No          |
| 2   |                              |   |  |                                 |                 |                                  |             |
| 3   |                              |   |  |                                 |                 |                                  |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |   |  |                                 |                 |                                  |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |   |  |                                 |                 |                                  |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |   |  |                                 |                 |                                  |             |


|   |                              |  |  |                                |                                 |               |             |
|---|------------------------------|--|--|--------------------------------|---------------------------------|---------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                                 | <b>WC-4-4</b> |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 32                              |               |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br>01:05 pm | <b>Finish Time:</b><br>01:10 pm |               |             |
| <b>EcoTerra Consulting<br/>LLC</b>  | <b>Driller:</b>              | PG Environmental   |  |                                |                                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>  | HP   | <b>Date: 04/25/2024</b>        |                                 |               |             |
|   |                              |  |  |                                |                                 |               |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                    | <b>Moisture</b>                 | <b>PID</b>    | <b>NAPL</b> |
| 1   | 32                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                             | Yes                             | 0             | No          |
| 2   |                              |  |  |                                |                                 |               |             |
| 3   |                              |  |  |                                |                                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                |                                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                |                                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                |                                 |               |             |


|   |                          |  |  |                                |                                 |               |             |
|---|--------------------------|--|--|--------------------------------|---------------------------------|---------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                                 | <b>WC-8-1</b> |             |
|    |                          | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 33                              |               |             |
|   |                          | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br>01:10 pm | <b>Finish Time:</b><br>01:15 pm |               |             |
| <b>Driller:</b>   | PG Environmental         |  |  |                                |                                 |               |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          | <b>Logged By:</b>  | HP   | <b>Date: 04/25/2024</b>        |                                 |               |             |
|   |                          |  |  |                                |                                 |               |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                    | <b>Moisture</b>                 | <b>PID</b>    | <b>NAPL</b> |
| 1   | 32                       | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                             | Yes                             | 0             | No          |
| 2   |                          |  |  |                                |                                 |               |             |
| 3   |                          |  |  |                                |                                 |               |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |  |  |                                |                                 |               |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |  |  |                                |                                 |               |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |  |  |                                |                                 |               |             |

|   |                              |   |  |                                 |                 |                                  |             |
|---|------------------------------|---|--|---------------------------------|-----------------|----------------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>          |                 | <b>WC-8-2</b>                    |             |
|    |                              | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                   | <b>34</b>       |                                  |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:<br/>01:15 pm</b> |                 | <b>Finish Time:<br/>01:20 pm</b> |             |
|   |                              | <b>Driller:</b>   | PG Environmental                                     |                                 |                 |                                  |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>   | HP   | <b>Date: 04/25/2024</b>         |                 |                                  |             |
|   |                              |   |  |                                 |                 |                                  |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                     | <b>Moisture</b> | <b>PID</b>                       | <b>NAPL</b> |
| 1   | 28                           | <b>Black organic silt with trace clay followed by black<br/>brown to dark brown sand with trace silt.</b> |  | No                              | Yes             | 0                                | No          |
| 2   |                              |   |  |                                 |                 |                                  |             |
| 3   |                              |   |  |                                 |                 |                                  |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |   |  |                                 |                 |                                  |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |   |  |                                 |                 |                                  |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |   |  |                                 |                 |                                  |             |


|   |                              |  |  |                                       |                 |                         |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|-------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-8-4</b>           |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>35</b>       |                         |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>01:20 pm</b> |                 |                         |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     |                                       |                 | <b>Date: 04/25/2024</b> |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                         |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                         |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>              | <b>NAPL</b> |
| 1   | 32                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0                       | No          |
| 2   |                              |  |  |                                       |                 |                         |             |
| 3   |                              |  |  |                                       |                 |                         |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                         |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                         |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                         |             |


|   |                              |  |  |                                       |                 |                         |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|-------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-8-3</b>           |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>36</b>       |                         |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>01:25 pm</b> |                 |                         |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     |                                       |                 | <b>Date: 04/25/2024</b> |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                         |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                         |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>              | <b>NAPL</b> |
| 1   | 32                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0                       | No          |
| 2   |                              |  |  |                                       |                 |                         |             |
| 3   |                              |  |  |                                       |                 |                         |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                         |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                         |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                         |             |


|   |                          |  |  |                                |                                 |                |             |
|---|--------------------------|--|--|--------------------------------|---------------------------------|----------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                                 | <b>WC-16-2</b> |             |
|    |                          | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 37                              |                |             |
|   |                          | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br>07:30 am | <b>Finish Time:</b><br>07:40 am |                |             |
| <b>Driller:</b>   | PG Environmental         |  |  |                                |                                 |                |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          | <b>Logged By:</b>  | HP   | <b>Date: 04/26/2024</b>        |                                 |                |             |
|   |                          |  |  |                                |                                 |                |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                    | <b>Moisture</b>                 | <b>PID</b>     | <b>NAPL</b> |
| 1   | 24                       | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                             | Yes                             | 0              | No          |
| 2   |                          |  |  |                                |                                 |                |             |
| 3   |                          |  |  |                                |                                 |                |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |  |  |                                |                                 |                |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |  |  |                                |                                 |                |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |  |  |                                |                                 |                |             |


|   |                              |  |  |                                       |                 |                |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|----------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-16-4</b> |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>38</b>       |                |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>07:40 am</b> |                 |                |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/26/2024</b>               |                 |                |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>     | <b>NAPL</b> |
| 1   | 26                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0              | No          |
| 2   |                              |  |  |                                       |                 |                |             |
| 3   |                              |  |  |                                       |                 |                |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                |             |





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|---|------------------------------|--|--|---------------------------------------|-----------------|----------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-16-1</b> |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>39</b>       |                |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>07:50 am</b> |                 |                |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/26/2024</b>               |                 |                |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>     | <b>NAPL</b> |
| 1   | 30                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0              | No          |
| 2   |                              |  |  |                                       |                 |                |             |
| 3   |                              |  |  |                                       |                 |                |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |  |  |                                       |                 |                |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                |             |


|   |                              |  |  |                                       |                 |                         |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|-------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-16-3</b>          |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>40</b>       |                         |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>08:00 am</b> |                 |                         |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     |                                       |                 | <b>Date: 04/26/2024</b> |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                         |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                         |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>              | <b>NAPL</b> |
| 1   | 28                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0                       | No          |
| 2   |                              |  |  |                                       |                 |                         |             |
| 3   |                              |  |  |                                       |                 |                         |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                         |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                         |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                         |             |


|   |                              |   |  |                                 |                 |                                  |             |
|---|------------------------------|---|--|---------------------------------|-----------------|----------------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>          |                 | <b>WC-15-4</b>                   |             |
|    |                              | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                   | <b>41</b>       |                                  |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:<br/>08:10 am</b> |                 | <b>Finish Time:<br/>08:20 am</b> |             |
|   |                              | <b>Driller:</b>   | PG Environmental                                     |                                 |                 |                                  |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>   | HP   | <b>Date: 04/26/2024</b>         |                 |                                  |             |
|   |                              |   |  |                                 |                 |                                  |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                     | <b>Moisture</b> | <b>PID</b>                       | <b>NAPL</b> |
| 1   | 22                           | <b>Black organic silt with trace clay followed by black<br/>brown to dark brown sand with trace silt.</b> |  | No                              | Yes             | 0                                | No          |
| 2   |                              |   |  |                                 |                 |                                  |             |
| 3   |                              |   |  |                                 |                 |                                  |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |   |  |                                 |                 |                                  |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |   |  |                                 |                 |                                  |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |   |  |                                 |                 |                                  |             |

|   |                              |   |  |                                 |                 |                                  |             |
|---|------------------------------|---|--|---------------------------------|-----------------|----------------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>          |                 | <b>WC-15-2</b>                   |             |
|    |                              | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                   | <b>42</b>       |                                  |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:<br/>08:20 am</b> |                 | <b>Finish Time:<br/>08:30 am</b> |             |
|   |                              | <b>Driller:</b>   | PG Environmental                                     |                                 |                 |                                  |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>   | HP   | <b>Date: 04/26/2024</b>         |                 |                                  |             |
|   |                              |   |  |                                 |                 |                                  |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                     | <b>Moisture</b> | <b>PID</b>                       | <b>NAPL</b> |
| 1   | 24                           | <b>Black organic silt with trace clay followed by black<br/>brown to dark brown sand with trace silt.</b> |  | No                              | Yes             | 0                                | No          |
| 2   |                              |   |  |                                 |                 |                                  |             |
| 3   |                              |   |  |                                 |                 |                                  |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |   |  |                                 |                 |                                  |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |   |  |                                 |                 |                                  |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |   |  |                                 |                 |                                  |             |


|   |                              |  |  |                                       |                 |                |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|----------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-15-1</b> |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>43</b>       |                |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>08:30 am</b> |                 |                |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/26/2024</b>               |                 |                |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>     | <b>NAPL</b> |
| 1   | 28                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0              | No          |
| 2   |                              |  |  |                                       |                 |                |             |
| 3   |                              |  |  |                                       |                 |                |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                |             |


|   |                              |  |  |                                       |                 |                |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|----------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-15-3</b> |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>44</b>       |                |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>08:40 am</b> |                 |                |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/26/2024</b>               |                 |                |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>     | <b>NAPL</b> |
| 1   | 30                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0              | No          |
| 2   |                              |  |  |                                       |                 |                |             |
| 3   |                              |  |  |                                       |                 |                |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                |             |


|   |                          |  |  |                                       |                 |                |             |
|---|--------------------------|--|--|---------------------------------------|-----------------|----------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-14-4</b> |             |
|    |                          | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>45</b>       |                |             |
|   |                          | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>08:50 am</b> |                 |                |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                          | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/26/2024</b>               |                 |                |             |
|   |                          | <b>Logged By:</b>  | HP   |                                       |                 |                |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          |  |  |                                       |                 |                |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>     | <b>NAPL</b> |
| 1   | 24                       | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0              | No          |
| 2   |                          |  |  |                                       |                 |                |             |
| 3   |                          |  |  |                                       |                 |                |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |  |  |                                       |                 |                |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |  |  |                                       |                 |                |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |  |  |                                       |                 |                |             |


|   |                              |  |  |                                       |                 |                |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|----------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-14-2</b> |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>46</b>       |                |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>09:00 am</b> |                 |                |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/26/2024</b>               |                 |                |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>     | <b>NAPL</b> |
| 1   | 26                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0              | No          |
| 2   |                              |  |  |                                       |                 |                |             |
| 3   |                              |  |  |                                       |                 |                |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                |             |





|   |                          |  |  |                                |                                 |                |             |
|---|--------------------------|--|--|--------------------------------|---------------------------------|----------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                                 | <b>WC-14-1</b> |             |
|    |                          | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 47                              |                |             |
|   |                          | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br>09:10 am | <b>Finish Time:</b><br>09:20 am |                |             |
| <b>Driller:</b>   | PG Environmental         |  |  |                                |                                 |                |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          | <b>Logged By:</b>  | HP   | <b>Date: 04/26/2024</b>        |                                 |                |             |
|   |                          |  |  |                                |                                 |                |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                    | <b>Moisture</b>                 | <b>PID</b>     | <b>NAPL</b> |
| 1   | 28                       | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                             | Yes                             | 0              | No          |
| 2   |                          |  |  |                                |                                 |                |             |
| 3   |                          |  |  |                                |                                 |                |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |  |  |                                |                                 |                |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |  |  |                                |                                 |                |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |  |  |                                |                                 |                |             |


|   |                              |   |  |                                       |                 |  |             |
|---|------------------------------|---|--|---------------------------------------|-----------------|--|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-14-3</b>                         |             |
|    |                              | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>48</b>       |  |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>09:20 am</b> |                 | <b>Finish Time:</b><br><b>09:30 am</b> |             |
|   |                              | <b>Driller:</b>   | PG Environmental                                     |                                       |                 |  |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>   | HP   | <b>Date: 04/26/2024</b>               |                 |  |             |
|   |                              |   |  |                                       |                 |  |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>                             | <b>NAPL</b> |
| 1   | 24                           | <b>Black organic silt with trace clay followed by black<br/>brown to dark brown sand with trace silt.</b> |  | No                                    | Yes             | 0                                      | No          |
| 2   |                              |   |  |                                       |                 |  |             |
| 3   |                              |   |  |                                       |                 |  |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |   |  |                                       |                 |  |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |   |  |                                       |                 |  |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |   |  |                                       |                 |  |             |


|   |                              |  |  |                                       |                 |                |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|----------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-12-4</b> |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>49</b>       |                |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>09:20 am</b> |                 |                |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/26/2024</b>               |                 |                |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>     | <b>NAPL</b> |
| 1   | 22                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0              | No          |
| 2   |                              |  |  |                                       |                 |                |             |
| 3   |                              |  |  |                                       |                 |                |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                |             |

|   |                              |  |  |                                       |                 |                         |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|-------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-12-1</b>          |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>50</b>       |                         |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>09:30 am</b> |                 |                         |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     |                                       |                 | <b>Date: 04/26/2024</b> |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                         |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                         |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>              | <b>NAPL</b> |
| 1   | 20                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0                       | No          |
| 2   |                              |  |  |                                       |                 |                         |             |
| 3   |                              |  |  |                                       |                 |                         |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                         |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                         |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                         |             |


|   |                              |   |  |                                       |                 |  |             |
|---|------------------------------|---|--|---------------------------------------|-----------------|--|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-12-2</b>                         |             |
|    |                              | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>51</b>       |  |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>09:40 am</b> |                 | <b>Finish Time:</b><br><b>09:50 am</b> |             |
|   |                              | <b>Driller:</b>   | PG Environmental                                     |                                       |                 |  |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>   | HP   | <b>Date: 04/26/2024</b>               |                 |  |             |
|   |                              |   |  |                                       |                 |  |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>                             | <b>NAPL</b> |
| 1   | 26                           | <b>Black organic silt with trace clay followed by black<br/>brown to dark brown sand with trace silt.</b> |  | No                                    | Yes             | 0                                      | No          |
| 2   |                              |   |  |                                       |                 |  |             |
| 3   |                              |   |  |                                       |                 |  |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |   |  |                                       |                 |  |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |   |  |                                       |                 |  |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |   |  |                                       |                 |  |             |


|   |                              |  |  |                                       |                 |                         |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|-------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-12-3</b>          |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>52</b>       |                         |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>09:50 am</b> |                 |                         |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     |                                       |                 | <b>Date: 04/26/2024</b> |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                         |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                         |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>              | <b>NAPL</b> |
| 1   | 32                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0                       | No          |
| 2   |                              |  |  |                                       |                 |                         |             |
| 3   |                              |  |  |                                       |                 |                         |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                         |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                         |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                         |             |


|   |                              |  |  |                                       |                 |                |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|----------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-13-3</b> |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>53</b>       |                |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>09:50 am</b> |                 |                |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/26/2024</b>               |                 |                |             |
| <b>234 Stelton Rd, Piscataway,<br/>NJ 08854</b>   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>     | <b>NAPL</b> |
| 1   | 30                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0              | No          |
| 2   |                              |  |  |                                       |                 |                |             |
| 3   |                              |  |  |                                       |                 |                |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                |             |


|   |                              |   |  |                                 |                 |                                  |             |
|---|------------------------------|---|--|---------------------------------|-----------------|----------------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>          |                 | <b>WC-13-4</b>                   |             |
|    |                              | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                   | <b>54</b>       |                                  |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:<br/>10:00 am</b> |                 | <b>Finish Time:<br/>10:10 am</b> |             |
|   |                              | <b>Driller:</b>   | PG Environmental                                     |                                 |                 |                                  |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>   | HP   | <b>Date: 04/26/2024</b>         |                 |                                  |             |
|   |                              |   |  |                                 |                 |                                  |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                     | <b>Moisture</b> | <b>PID</b>                       | <b>NAPL</b> |
| 1   | 32                           | <b>Black organic silt with trace clay followed by black<br/>brown to dark brown sand with trace silt.</b> |  | No                              | Yes             | 0                                | No          |
| 2   |                              |   |  |                                 |                 |                                  |             |
| 3   |                              |   |  |                                 |                 |                                  |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |   |  |                                 |                 |                                  |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |   |  |                                 |                 |                                  |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |   |  |                                 |                 |                                  |             |





|   |                              |  |  |                                       |                 |                |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|----------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-13-2</b> |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>55</b>       |                |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>10:10 am</b> |                 |                |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/26/2024</b>               |                 |                |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>     | <b>NAPL</b> |
| 1   | 26                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0              | No          |
| 2   |                              |  |  |                                       |                 |                |             |
| 3   |                              |  |  |                                       |                 |                |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |  |  |                                       |                 |                |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                |             |


|   |                              |  |  |                                       |                 |                         |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|-------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-13-1</b>          |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>56</b>       |                         |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>10:20 am</b> |                 |                         |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     |                                       |                 | <b>Date: 04/26/2024</b> |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                         |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                         |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>              | <b>NAPL</b> |
| 1   | 26                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0                       | No          |
| 2   |                              |  |  |                                       |                 |                         |             |
| 3   |                              |  |  |                                       |                 |                         |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                         |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                         |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                         |             |


|   |                              |  |  |                                |                                 |                |             |
|---|------------------------------|--|--|--------------------------------|---------------------------------|----------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>         |                                 | <b>WC-10-3</b> |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                  | 57                              |                |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br>10:20 am | <b>Finish Time:</b><br>10:30 am |                |             |
| <b>EcoTerra Consulting<br/>LLC</b>  | <b>Driller:</b>              | PG Environmental   |  |                                |                                 |                |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>  | HP   | <b>Date: 04/26/2024</b>        |                                 |                |             |
|   |                              |  |  |                                |                                 |                |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                    | <b>Moisture</b>                 | <b>PID</b>     | <b>NAPL</b> |
| 1   | 32                           | Black organic silt with trace clay followed by dark brown to tan brown sand with trace silt. |  | No                             | Yes                             | 0              | No          |
| 2   |                              |  |  |                                |                                 |                |             |
| 3   |                              |  |  |                                |                                 |                |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                |                                 |                |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                |                                 |                |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                |                                 |                |             |

|  |                              |   |  |                                 |                 |                                  |             |
|--|------------------------------|---|--|---------------------------------|-----------------|----------------------------------|-------------|
| <b>SOIL BORING LOG</b>   |                              | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>          |                 | <b>WC-10-1</b>                   |             |
|   |                              | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                   | <b>58</b>       |                                  |             |
| <b>EcoTerra Consulting<br/>LLC</b>   |                              | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:<br/>10:30 am</b> |                 | <b>Finish Time:<br/>10:40 am</b> |             |
|  |                              | <b>Driller:</b>   | PG Environmental                                     |                                 |                 |                                  |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854  |                              | <b>Logged By:</b>   | HP   | <b>Date: 04/26/2024</b>         |                 |                                  |             |
|  |                              |   |  |                                 |                 |                                  |             |
| <b>Depth (feet)</b>  | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                     | <b>Moisture</b> | <b>PID</b>                       | <b>NAPL</b> |
| 1  | 30                           | Black organic silt with trace clay followed by dark<br>brown to tan brown sand with trace silt. |  | No                              | Yes             | 0                                | No          |
| 2  |                              |   |  |                                 |                 |                                  |             |
| 3  |                              |   |  |                                 |                 |                                  |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.   |                              |   |  |                                 |                 |                                  |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected   |                              |   |  |                                 |                 |                                  |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for<br>environmental purposes only. |                              |   |  |                                 |                 |                                  |             |


|   |                              |  |  |                                       |                 |                         |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|-------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-10-2</b>          |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>59</b>       |                         |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>10:40 am</b> |                 |                         |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     |                                       |                 | <b>Date: 04/26/2024</b> |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                         |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                         |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>              | <b>NAPL</b> |
| 1   | 34                           | Black organic silt with trace clay followed by dark brown to tan brown sand with trace silt. |  | No                                    | Yes             | 0                       | No          |
| 2   |                              |  |  |                                       |                 |                         |             |
| 3   |                              |  |  |                                       |                 |                         |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                         |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                         |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                         |             |


|   |                              |   |  |                                       |                 |                         |             |
|---|------------------------------|---|--|---------------------------------------|-----------------|-------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-10-4</b>          |             |
|    |                              | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>60</b>       |                         |             |
|   |                              | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>10:50 am</b> |                 |                         |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>   | PG Environmental                                     |                                       |                 | <b>Date: 04/26/2024</b> |             |
|   |                              | <b>Logged By:</b>   | HP   |                                       |                 |                         |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |   |  |                                       |                 |                         |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>              | <b>NAPL</b> |
| 1   | 34                           | <b>Black organic silt with trace clay followed by dark<br/>brown to tan brown sand with trace silt.</b> |  | No                                    | Yes             | 0                       | No          |
| 2   |                              |   |  |                                       |                 |                         |             |
| 3   |                              |   |  |                                       |                 |                         |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |   |  |                                       |                 |                         |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |   |  |                                       |                 |                         |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |   |  |                                       |                 |                         |             |

|   |                              |  |  |                                       |                 |                |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|----------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-11-2</b> |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>61</b>       |                |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>11:00 am</b> |                 |                |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/26/2024</b>               |                 |                |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>     | <b>NAPL</b> |
| 1   | 32                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0              | No          |
| 2   |                              |  |  |                                       |                 |                |             |
| 3   |                              |  |  |                                       |                 |                |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                |             |

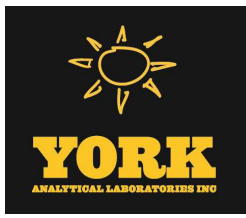
|   |                              |  |  |                                       |                 |                |             |
|---|------------------------------|--|--|---------------------------------------|-----------------|----------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-11-1</b> |             |
|    |                              | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>62</b>       |                |             |
|   |                              | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>11:10 am</b> |                 |                |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/26/2024</b>               |                 |                |             |
|   |                              | <b>Logged By:</b>  | HP   |                                       |                 |                |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              |  |  |                                       |                 |                |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>     | <b>NAPL</b> |
| 1   | 28                           | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0              | No          |
| 2   |                              |  |  |                                       |                 |                |             |
| 3   |                              |  |  |                                       |                 |                |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                              |  |  |                                       |                 |                |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |  |  |                                       |                 |                |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |  |  |                                       |                 |                |             |



|   |                              |   |  |                                 |                 |                                  |             |
|---|------------------------------|---|--|---------------------------------|-----------------|----------------------------------|-------------|
| <b>SOIL BORING LOG</b>  |                              | <b>Project Number:</b>  | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>          |                 | <b>WC-11-4</b>                   |             |
|    |                              | <b>Project Name:</b>  | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                   | <b>63</b>       |                                  |             |
| <b>EcoTerra Consulting<br/>LLC</b>  |                              | <b>Sampling Method:</b>   | In-Situ/Direct Push                                  | <b>Start Time:<br/>11:20 am</b> |                 | <b>Finish Time:<br/>11:30 am</b> |             |
|   |                              | <b>Driller:</b>   | PG Environmental                                     |                                 |                 |                                  |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                              | <b>Logged By:</b>   | HP   | <b>Date: 04/26/2024</b>         |                 |                                  |             |
|   |                              |   |  |                                 |                 |                                  |             |
| <b>Depth (feet)</b>   | <b>Recovery<br/>(inches)</b> | <b>Surface Condition:</b>   |  | <b>Odor</b>                     | <b>Moisture</b> | <b>PID</b>                       | <b>NAPL</b> |
| 1   | 30                           | <b>Black organic silt with trace clay followed by black<br/>brown to dark brown sand with trace silt.</b> |  | No                              | Yes             | 0                                | No          |
| 2   |                              |   |  |                                 |                 |                                  |             |
| 3   |                              |   |  |                                 |                 |                                  |             |
| End of soil boring at <u>3</u> feet below grade. Groundwater was NOT encountered below grade.   |                              |   |  |                                 |                 |                                  |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                              |   |  |                                 |                 |                                  |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                              |   |  |                                 |                 |                                  |             |

|   |                          |  |  |                                       |                 |                |             |
|---|--------------------------|--|--|---------------------------------------|-----------------|----------------|-------------|
| <b>SOIL BORING LOG</b>  |                          | <b>Project Number:</b>   | <b>WTM4SPRW</b>                                      | <b>Soil Boring ID:</b>                |                 | <b>WC-11-3</b> |             |
|    |                          | <b>Project Name:</b>   | FOUR SPARROW<br>MARSH TIDAL<br>WETLAND<br>MITIGATION | <b>Sheet:</b>                         | <b>64</b>       |                |             |
|   |                          | <b>Sampling Method:</b>  | In-Situ/Direct Push                                  | <b>Start Time:</b><br><b>11:30 am</b> |                 |                |             |
| EcoTerra Consulting<br>LLC  |                          | <b>Driller:</b>  | PG Environmental                                     | <b>Date: 04/26/2024</b>               |                 |                |             |
|   |                          | <b>Logged By:</b>  | HP   |                                       |                 |                |             |
| 234 Stelton Rd, Piscataway,<br>NJ 08854   |                          |  |  |                                       |                 |                |             |
| <b>Depth (feet)</b>   | <b>Recovery (inches)</b> | <b>Surface Condition:</b>  |  | <b>Odor</b>                           | <b>Moisture</b> | <b>PID</b>     | <b>NAPL</b> |
| 1   | 32                       | Black organic silt with trace clay followed by black brown to dark brown sand with trace silt. |  | No                                    | Yes             | 0              | No          |
| 2   |                          |  |  |                                       |                 |                |             |
| 3   |                          |  |  |                                       |                 |                |             |
| End of soil boring at _3_ feet below grade. Groundwater was NOT encountered below grade.  |                          |  |  |                                       |                 |                |             |
| PID=photoionization detector    NAPL=non-aqueous phase liquid    ND=not detected  |                          |  |  |                                       |                 |                |             |
| Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only. |                          |  |  |                                       |                 |                |             |

# APPENDIX-B



# Technical Report

prepared for:

## **EcoTerra Consulting LLC**

10 Willow Drive

Edison NJ, 08820

**Attention: Hetansh Patel**

Report Date: 05/02/2024

**Client Project ID: Four Sparrows**

York Project (SDG) No.: 24D1795

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



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

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371



132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 05/02/2024  
Client Project ID: Four Sparrows  
York Project (SDG) No.: 24D1795

**EcoTerra Consulting LLC**  
10 Willow Drive  
Edison NJ, 08820  
Attention: Hetansh Patel

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 26, 2024 and listed below. The project was identified as your project: **Four Sparrows**.

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.

| <u>York Sample ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Date Collected</u> | <u>Date Received</u> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 24D1795-01            | WC-1                    | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-02            | WC-1 (g)                | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-03            | WC-2                    | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-04            | WC-2 (g)                | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-05            | WC-3                    | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-06            | WC-3 (g)                | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-07            | WC-4                    | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-08            | WC-4 (g)                | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-09            | WC-5                    | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-10            | WC-5 (g)                | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-11            | WC-6                    | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-12            | WC-6 (g)                | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-13            | WC-7                    | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-14            | WC-7 (g)                | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-15            | WC-8                    | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-16            | WC-8 (g)                | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-17            | WC-9                    | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-18            | WC-9 (g)                | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-19            | WC-10                   | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-20            | WC-10 (g)               | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-21            | WC-11                   | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-22            | WC-11 (g)               | Soil          | 04/26/2024            | 04/26/2024           |

| <u>York Sample ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Date Collected</u> | <u>Date Received</u> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 24D1795-23            | WC-12                   | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-24            | WC-12 (g)               | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-25            | WC-13                   | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-26            | WC-13 (g)               | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-27            | WC-14                   | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-28            | WC-14 (g)               | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-29            | WC-15                   | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-30            | WC-15 (g)               | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-31            | WC-16                   | Soil          | 04/26/2024            | 04/26/2024           |
| 24D1795-32            | WC-16 (g)               | Soil          | 04/26/2024            | 04/26/2024           |

### **General Notes for York Project (SDG) No.: 24D1795**

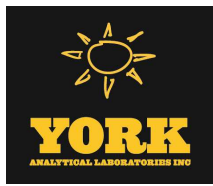
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

**Approved By:** 

**Date:** 05/02/2024

Cassie L. Mosher  
Laboratory Manager





### Sample Information

**Client Sample ID:** WC-1

**York Sample ID:** 24D1795-01

York Project (SDG) No.  
24D1795

Client Project ID  
Four Sparrows

Matrix  
Soil

Collection Date/Time  
April 26, 2024 11:19 am

Date Received  
04/26/2024

**Volatile Organics, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

| CAS No.                     | Parameter   | Result        | Flag  | Units | Reported to LOD/MDL     | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------|-------|-------------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-35-4                     | 1,1-Dichloroethylene                                    | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:03   | BMT     |
| 107-06-2                    | 1,2-Dichloroethane                                      | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:03   | BMT     |
| 106-46-7                    | 1,4-Dichlorobenzene                                     | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:03   | BMT     |
| 78-93-3                     | 2-Butanone  | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:03   | BMT     |
| 71-43-2                     | Benzene   | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:03   | BMT     |
| 56-23-5                     | Carbon tetrachloride                                    | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:03   | BMT     |
| 108-90-7                    | Chlorobenzene   | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:03   | BMT     |
| 67-66-3                     | Chloroform  | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:03   | BMT     |
| 127-18-4                    | Tetrachloroethylene                                     | ND            | QL-02 | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:03   | BMT     |
| 79-01-6                     | Trichloroethylene                                       | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:03   | BMT     |
| 75-01-4                     | Vinyl Chloride  | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:03   | BMT     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> |       |       | <b>Acceptance Range</b> |     |          |  |                    |                    |         |
| 17060-07-0                  | Surrogate: <i>SURR:</i><br><i>1,2-Dichloroethane-d4</i> | 104 %         |       |       | 77-125                  |     |          |  |                    |                    |         |
| 460-00-4                    | Surrogate: <i>SURR:</i><br><i>p-Bromofluorobenzene</i>  | 106 %         |       |       | 84.2-124                |     |          |  |                    |                    |         |
| 2037-26-5                   | Surrogate: <i>SURR: Toluene-d8</i>                      | 102 %         |       |       | 85-120                  |     |          |  |                    |                    |         |

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                             | Result | Flag | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---------------------------------------|--------|------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-52-4  | 1,1-Biphenyl                          | ND     |      | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND     | CCVE | ug/kg dry | 48.1                | 96.2 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND     | CCVE | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND     |      | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |      | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |



### Sample Information

**Client Sample ID:** WC-1

**York Sample ID:** 24D1795-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                  | Result      | Flag        | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|----------------------------|-------------|-------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 541-73-1   | 1,3-Dichlorobenzene        | ND          |             | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 106-46-7   | 1,4-Dichlorobenzene        | ND          |             | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | ND          | CCVE        | ug/kg dry | 48.1                | 96.2 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol      | ND          |             | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol      | ND          |             | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 120-83-2   | 2,4-Dichlorophenol         | ND          |             | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 105-67-9   | 2,4-Dimethylphenol         | ND          | ICVE        | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 51-28-5    | 2,4-Dinitrophenol          | ND          | CAL-E       | ug/kg dry | 48.1                | 96.2 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene         | ND          |             | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 606-20-2   | 2,6-Dinitrotoluene         | ND          |             | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 91-58-7    | 2-Chloronaphthalene        | ND          |             | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 95-57-8    | 2-Chlorophenol             | ND          |             | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 91-57-6    | <b>2-Methylnaphthalene</b> | <b>28.9</b> | J           | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 95-48-7    | 2-Methylphenol             | ND          |             | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 88-74-4    | 2-Nitroaniline             | ND          |             | ug/kg dry | 48.1                | 96.2 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 88-75-5    | 2-Nitrophenol              | ND          |             | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols       | ND          | CAL-E       | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND          |             | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 99-09-2    | 3-Nitroaniline             | ND          |             | ug/kg dry | 48.1                | 96.2 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND          | CAL-E, CCVE | ug/kg dry | 48.1                | 96.2 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 101-55-3   | 4-Bromophenyl phenyl ether | ND          | CCVE        | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 59-50-7    | 4-Chloro-3-methylphenol    | ND          |             | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 106-47-8   | 4-Chloroaniline            | ND          |             | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |





Sample Information

Client Sample ID: WC-1

York Sample ID: 24D1795-01

York Project (SDG) No. 24D1795

Client Project ID Four Sparrows

Matrix Soil

Collection Date/Time April 26, 2024 11:19 am

Date Received 04/26/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include various chemical compounds like 4-Chlorophenyl phenyl ether, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Acetophenone, Aniline, Anthracene, Atrazine, Benzaldehyde, Benzidine, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Benzoic acid, Benzyl alcohol, Benzyl butyl phthalate, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether.



### Sample Information

**Client Sample ID:** WC-1

**York Sample ID:** 24D1795-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                         | Result       | Flag       | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------------|--------------|------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 117-81-7 | <b>Bis(2-ethylhexyl)phthalate</b> | <b>71400</b> |            | ug/kg dry | 2410                | 4810 | 100      | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 18:31   | SS      |
| 105-60-2 | Caprolactam                       | ND           |            | ug/kg dry | 48.1                | 96.2 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 86-74-8  | <b>Carbazole</b>                  | <b>163</b>   |            | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 218-01-9 | <b>Chrysene</b>                   | <b>957</b>   | CCVE       | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 53-70-3  | <b>Dibenzo(a,h)anthracene</b>     | <b>188</b>   |            | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 132-64-9 | <b>Dibenzofuran</b>               | <b>68.5</b>  |            | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 84-66-2  | Diethyl phthalate                 | ND           |            | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 131-11-3 | Dimethyl phthalate                | ND           |            | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 84-74-2  | <b>Di-n-butyl phthalate</b>       | <b>248</b>   |            | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 117-84-0 | <b>Di-n-octyl phthalate</b>       | <b>2890</b>  |            | ug/kg dry | 483                 | 963  | 20       | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 14:31   | SS      |
| 122-39-4 | * Diphenylamine                   | ND           |            | ug/kg dry | 48.1                | 96.2 | 1        | EPA 8270E<br>Certifications:  | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 206-44-0 | <b>Fluoranthene</b>               | <b>1990</b>  |            | ug/kg dry | 483                 | 963  | 20       | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 14:31   | SS      |
| 86-73-7  | <b>Fluorene</b>                   | <b>143</b>   |            | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 118-74-1 | Hexachlorobenzene                 | ND           |            | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 87-68-3  | Hexachlorobutadiene               | ND           | CCVE       | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 77-47-4  | Hexachlorocyclopentadiene         | ND           | CCVE, ICVE | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 67-72-1  | Hexachloroethane                  | ND           |            | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 193-39-5 | <b>Indeno(1,2,3-cd)pyrene</b>     | <b>839</b>   |            | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 78-59-1  | Isophorone                        | ND           |            | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 91-20-3  | <b>Naphthalene</b>                | <b>41.9</b>  | J          | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 98-95-3  | Nitrobenzene                      | ND           |            | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 62-75-9  | N-Nitrosodimethylamine            | ND           | CAL-E      | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 621-64-7 | N-nitroso-di-n-propylamine        | ND           |            | ug/kg dry | 24.1                | 48.1 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |



### Sample Information

**Client Sample ID:** WC-1

**York Sample ID:** 24D1795-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                             | Result        | Flag | Units     | Reported to LOD/MDL     | LOQ    | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------------|---------------|------|-----------|-------------------------|--------|----------|---|--------------------|--------------------|---------|
| 86-30-6                     | N-Nitrosodiphenylamine                | ND            | CCVE | ug/kg dry | 24.1                    | 48.1   | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 87-86-5                     | Pentachlorophenol                     | ND            | CCVE | ug/kg dry | 24.1                    | 48.1   | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 85-01-8                     | <b>Phenanthrene</b>                   | <b>1450</b>   |      | ug/kg dry | 24.1                    | 48.1   | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 108-95-2                    | Phenol                                | ND            |      | ug/kg dry | 24.1                    | 48.1   | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/02/2024 00:46   | SS      |
| 129-00-0                    | <b>Pyrene</b>                         | <b>1720</b>   |      | ug/kg dry | 483                     | 963    | 20       | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 14:31   | SS      |
| <b>Surrogate Recoveries</b> |                                       | <b>Result</b> |      |           | <b>Acceptance Range</b> |        |          |   |                    |                    |         |
| 367-12-4                    | Surrogate: SURR: 2-Fluorophenol       | 77.7 %        |      |           |                         | 20-108 |          |   |                    |                    |         |
| 13127-88-3                  | Surrogate: SURR: Phenol-d6            | 56.4 %        | S-08 |           |                         | 23-114 |          |   |                    |                    |         |
| 4165-60-0                   | Surrogate: SURR: Nitrobenzene-d5      | 71.2 %        |      |           |                         | 22-108 |          |   |                    |                    |         |
| 321-60-8                    | Surrogate: SURR: 2-Fluorobiphenyl     | 67.5 %        |      |           |                         | 21-113 |          |   |                    |                    |         |
| 118-79-6                    | Surrogate: SURR: 2,4,6-Tribromophenol | 60.0 %        |      |           |                         | 19-110 |          |   |                    |                    |         |
| 1718-51-0                   | Surrogate: SURR: Terphenyl-d14        | 94.8 %        |      |           |                         | 24-116 |          |   |                    |                    |         |

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.    | Parameter             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------|--------|------|-------|---------------------|------|----------|--|--------------------|--------------------|---------|
| 106-46-7   | 1,4-Dichlorobenzene   | ND     |      | ug/L  | 6.45                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 05/01/2024 08:16   | 05/02/2024 09:48   | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol | ND     |      | ug/L  | 7.22                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 09:48   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol | ND     |      | ug/L  | 6.54                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 09:48   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene    | ND     |      | ug/L  | 4.73                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 09:48   | SS      |
| 95-48-7    | 2-Methylphenol        | ND     |      | ug/L  | 1.71                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 09:48   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols  | ND     |      | ug/L  | 7.43                | 20.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 09:48   | SS      |
| 1319-77-3  | Cresols, total        | ND     |      | ug/L  | 7.40                | 30.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854                          | 05/01/2024 08:16   | 05/02/2024 09:48   | SS      |
| 118-74-1   | Hexachlorobenzene     | ND     |      | ug/L  | 5.91                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 09:48   | SS      |
| 87-68-3    | Hexachlorobutadiene   | ND     |      | ug/L  | 6.62                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 09:48   | SS      |
| 67-72-1    | Hexachloroethane      | ND     |      | ug/L  | 7.26                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 09:48   | SS      |
| 98-95-3    | Nitrobenzene          | ND     |      | ug/L  | 3.93                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 09:48   | SS      |



Sample Information

Client Sample ID: WC-1

York Sample ID: 24D1795-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Pentachlorophenol, Pyridine, and Surrogate Recoveries.

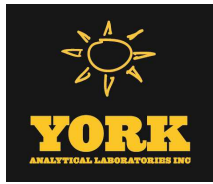
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Lists various pesticides like 4,4'-DDD, Aldrin, alpha-BHC, etc.



### Sample Information

**Client Sample ID:** WC-1

**York Sample ID:** 24D1795-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|--------------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7421-93-4  | Endrin aldehyde          | ND     |      | ug/kg dry | 1.92            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:40   | TAH     |
| 53494-70-5 | Endrin ketone            | ND     |      | ug/kg dry | 1.92            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:40   | TAH     |
| 58-89-9    | gamma-BHC (Lindane) [2C] | ND     |      | ug/kg dry | 1.92            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:40   | TAH     |
| 5566-34-7  | gamma-Chlordane          | ND     |      | ug/kg dry | 1.92            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:40   | TAH     |
| 76-44-8    | Heptachlor               | ND     |      | ug/kg dry | 1.92            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:40   | TAH     |
| 1024-57-3  | Heptachlor epoxide       | ND     |      | ug/kg dry | 1.92            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:40   | TAH     |
| 72-43-5    | Methoxychlor             | ND     |      | ug/kg dry | 1.92            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:40   | TAH     |
| 8001-35-2  | Toxaphene                | ND     |      | ug/kg dry | 1.92            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:40   | TAH     |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|           |                                 |        |        |
|-----------|---------------------------------|--------|--------|
| 2051-24-3 | Surrogate: Decachlorobiphenyl   | 87.3 % | 30-150 |
| 877-09-8  | Surrogate: Tetrachloro-m-xylene | 82.1 % | 30-150 |

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No.   | Parameter           | Result | Flag | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|---------------------|--------|------|-------|---------------------|--------|----------|--|--------------------|--------------------|---------|
| 57-74-9   | Chlordane, total    | ND     |      | ug/L  | 0.222               | 0.222  | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 03:32   | TAH     |
| 72-20-8   | Endrin              | ND     |      | ug/L  | 0.0444              | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 03:32   | TAH     |
| 58-89-9   | gamma-BHC (Lindane) | ND     |      | ug/L  | 0.0444              | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 03:32   | TAH     |
| 76-44-8   | Heptachlor          | ND     |      | ug/L  | 0.0444              | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 03:32   | TAH     |
| 1024-57-3 | Heptachlor epoxide  | ND     |      | ug/L  | 0.0444              | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 03:32   | TAH     |
| 72-43-5   | Methoxychlor        | ND     |      | ug/L  | 0.0444              | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 03:32   | TAH     |
| 8001-35-2 | Toxaphene           | ND     |      | ug/L  | 1.11                | 1.11   | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 03:32   | TAH     |

**Surrogate Recoveries**

**Result**

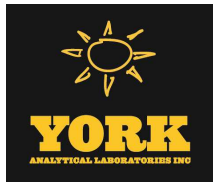
**Acceptance Range**

|           |                                 |        |        |
|-----------|---------------------------------|--------|--------|
| 2051-24-3 | Surrogate: Decachlorobiphenyl   | 72.2 % | 30-120 |
| 877-09-8  | Surrogate: Tetrachloro-m-xylene | 60.6 % | 30-120 |

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** WC-1

**York Sample ID:** 24D1795-01

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

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 | 0.0194          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:03   | NF      |
| 11104-28-2 | Aroclor 1221        | ND          |      | mg/kg dry | 0.0194          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:03   | NF      |
| 11141-16-5 | Aroclor 1232        | ND          |      | mg/kg dry | 0.0194          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:03   | NF      |
| 53469-21-9 | Aroclor 1242        | ND          |      | mg/kg dry | 0.0194          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:03   | NF      |
| 12672-29-6 | Aroclor 1248        | ND          |      | mg/kg dry | 0.0194          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:03   | NF      |
| 11097-69-1 | <b>Aroclor 1254</b> | <b>5.31</b> |      | mg/kg dry | 0.194           | 10       | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 20:25   | NF      |
| 11096-82-5 | Aroclor 1260        | ND          |      | mg/kg dry | 0.0194          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:03   | NF      |
| 37324-23-5 | Aroclor 1262        | ND          |      | mg/kg dry | 0.0194          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 02:03   | NF      |
| 11100-14-4 | Aroclor 1268        | ND          |      | mg/kg dry | 0.0194          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 02:03   | NF      |
| 1336-36-3  | <b>* Total PCBs</b> | <b>5.31</b> |      | mg/kg dry | 0.194           | 10       | EPA 8082A<br>Certifications:  | 04/27/2024 07:18   | 04/29/2024 20:25   | NF      |

|           | Surrogate Recoveries            | Result | Acceptance Range |
|-----------|---------------------------------|--------|------------------|
| 877-09-8  | Surrogate: Tetrachloro-m-xylene | 60.5 % | 30-140           |
| 2051-24-3 | Surrogate: Decachlorobiphenyl   | 70.0 % | 30-140           |

**Herbicides, Target List**

**Log-in Notes:**

**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     |      | ug/kg dry | 23.2            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 21:46   | BCJ     |
| 93-72-1 | 2,4,5-TP (Silvex) | ND     |      | ug/kg dry | 23.2            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 21:46   | BCJ     |
| 94-75-7 | 2,4-D             | ND     |      | ug/kg dry | 23.2            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 21:46   | BCJ     |

|            | Surrogate Recoveries                            | Result | Acceptance Range |
|------------|---|--------|------------------|
| 19719-28-9 | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 74.0 % | 21-150           |

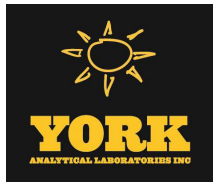
**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| CAS No. | Parameter         | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|-------------------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 93-72-1 | 2,4,5-TP (Silvex) | ND     |      | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 07:11   | BCJ     |
| 94-75-7 | 2,4-D             | ND     |      | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 07:11   | BCJ     |



### Sample Information

**Client Sample ID:** WC-1

**York Sample ID:** 24D1795-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| CAS No.                     | Parameter                                       | Result        | Flag                    | Units  | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------------------------|--------|-----------------|----------|------------------|--------------------|--------------------|---------|
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |        |                 |          |                  |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 57.6 %        |                         |        |                 |          |                  |                    |                    |         |
|                             |   |               |                         | 10-150 |                 |          |                  |                    |                    |         |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

**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 |
|-----------------------------|-------------------------------|---------------|-------------------------|-----------|-----------------|----------|-----------------------------|--------------------|--------------------|---------|
| <b>* Total EPH</b>          |                               | <b>411</b>    |                         | mg/kg dry | 57.7            | 1        | NJDEP EPH Rev 3.0           | 04/29/2024 08:23   | 04/30/2024 11:11   | GXB     |
|                             |                               |               |                         |           |                 |          | Certifications: NJDEP-CT005 |                    |                    |         |
| <b>Surrogate Recoveries</b> |                               | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |                             |                    |                    |         |
| 3386-33-2                   | Surrogate: 1-Chlorooctadecane | 59.9 %        |                         |           |                 |          |                             |                    |                    |         |
| 84-15-1                     | Surrogate: o-Terphenyl        | 59.0 %        |                         |           |                 |          |                             |                    |                    |         |
|                             |                               |               |                         | 28.7-124  |                 |          |                             |                    |                    |         |

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 10800  |      | mg/kg dry | 4.86            | 1        | EPA 6010D   | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
|           |           |        |      |           |                 |          | Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |                    |         |
| 7440-36-0 | Antimony  | 4.42   |      | mg/kg dry | 2.43            | 1        | EPA 6010D   | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
|           |           |        |      |           |                 |          | Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |                    |         |
| 7440-38-2 | Arsenic   | 7.58   |      | mg/kg dry | 1.46            | 1        | EPA 6010D   | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
|           |           |        |      |           |                 |          | Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |                    |         |
| 7440-39-3 | Barium    | 268    |      | mg/kg dry | 2.43            | 1        | EPA 6010D   | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
|           |           |        |      |           |                 |          | Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |                    |         |
| 7440-41-7 | Beryllium | ND     |      | mg/kg dry | 0.049           | 1        | EPA 6010D   | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
|           |           |        |      |           |                 |          | Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |                    |         |
| 7440-43-9 | Cadmium   | 4.27   |      | mg/kg dry | 0.292           | 1        | EPA 6010D   | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
|           |           |        |      |           |                 |          | Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |                    |         |
| 7440-70-2 | Calcium   | 3810   |      | mg/kg dry | 4.86            | 1        | EPA 6010D   | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
|           |           |        |      |           |                 |          | Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |                    |         |
| 7440-47-3 | Chromium  | 181    |      | mg/kg dry | 0.486           | 1        | EPA 6010D   | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
|           |           |        |      |           |                 |          | Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |                    |         |
| 7440-48-4 | Cobalt    | 6.80   |      | mg/kg dry | 0.388           | 1        | EPA 6010D   | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
|           |           |        |      |           |                 |          | Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |                    |         |
| 7440-50-8 | Copper    | 357    |      | mg/kg dry | 1.94            | 1        | EPA 6010D   | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
|           |           |        |      |           |                 |          | Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |                    |         |
| 7439-89-6 | Iron      | 19900  |      | mg/kg dry | 24.3            | 1        | EPA 6010D   | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
|           |           |        |      |           |                 |          | Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |                    |         |
| 7439-92-1 | Lead      | 522    |      | mg/kg dry | 0.486           | 1        | EPA 6010D   | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
|           |           |        |      |           |                 |          | Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |                    |         |



### Sample Information

**Client Sample ID:** WC-1

**York Sample ID:** 24D1795-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag          | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|---------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7439-95-4 | Magnesium | 2860   |               | mg/kg dry | 4.86            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
| 7439-96-5 | Manganese | 290    |               | mg/kg dry | 0.486           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
| 7440-02-0 | Nickel    | 55.4   |               | mg/kg dry | 0.968           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
| 7440-09-7 | Potassium | 951    | M-CCV<br>I, B | mg/kg dry | 4.86            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
| 7782-49-2 | Selenium  | ND     |               | mg/kg dry | 2.43            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
| 7440-22-4 | Silver    | ND     |               | mg/kg dry | 0.490           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
| 7440-23-5 | Sodium    | 109    |               | mg/kg dry | 48.6            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
| 7440-62-2 | Vanadium  | 22.4   |               | mg/kg dry | 0.968           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |
| 7440-66-6 | Zinc      | 1190   |               | mg/kg dry | 2.42            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:01   | AGNR    |

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-38-2 | Arsenic   | ND     |      | mg/L  | 0.375           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:28   | AGNR    |
| 7440-39-3 | Barium    | 2.29   |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:28   | AGNR    |
| 7440-43-9 | Cadmium   | 0.086  |      | mg/L  | 0.075           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:28   | AGNR    |
| 7440-47-3 | Chromium  | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:28   | AGNR    |
| 7439-92-1 | Lead      | 3.40   |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:28   | AGNR    |
| 7782-49-2 | Selenium  | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:28   | AGNR    |
| 7440-22-4 | Silver    | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:28   | AGNR    |

**Thallium by EPA 6020**

**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 |
|-----------|-----------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 0.100           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/30/2024 08:56   | 05/01/2024 11:52   | AJL     |





### Sample Information

**Client Sample ID:** WC-1

**York Sample ID:** 24D1795-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**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   | 0.543  |      | mg/kg dry | 0.0350          | 1        | EPA 7473         | 05/01/2024 09:05   | 05/01/2024 16:18   | DRS     |
| Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04 |           |        |      |           |                 |          |                  |                    |                    |         |

**Mercury, TCLP**

**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  | 0.000200        | 1        | EPA 7470/1311    | 05/01/2024 08:13   | 05/01/2024 08:13   | PFA     |
| Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108 |           |        |      |       |                 |          |                  |                    |                    |         |

**Chloride, SPLP**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 300/1312

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|-----------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
| 16887-00-6  | Chloride  | 1.97   |      | mg/L  | 0.500           | 1        | EPA 300.0        | 05/01/2024 16:56   | 05/01/2024 16:56   | NJO     |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005 |           |        |      |       |                 |          |                  |                    |                    |         |

**Chromium, Hexavalent**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

| CAS No.  | Parameter            | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|--|----------------------|--------|------|-----------|-----------------|----------|------------------|--------------------|--------------------|---------|
| 18540-29-9   | Chromium, Hexavalent | ND     |      | mg/kg dry | 0.583           | 1        | EPA 7196A        | 05/01/2024 11:15   | 05/01/2024 16:49   | JAMT    |
| Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044 |                      |        |      |           |                 |          |                  |                    |                    |         |

**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 |
|--|-----------|--------|------|----------|-----------------|----------|------------------|--------------------|--------------------|---------|
|  | pH        | 7.25   |      | pH units | 0.500           | 1        | EPA 9045D        | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |
| Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440 |           |        |      |          |                 |          |                  |                    |                    |         |

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

| CAS No.  | Parameter      | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|--|----------------|--------|------|-----------|-----------------|----------|------------------|--------------------|--------------------|---------|
| 57-12-5  | Cyanide, total | ND     |      | mg/kg dry | 0.583           | 1        | EPA 9014/9010C   | 05/01/2024 07:12   | 05/01/2024 13:07   | PMB     |
| Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 |                |        |      |           |                 |          |                  |                    |                    |         |

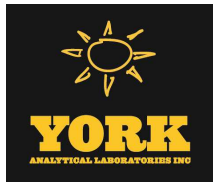
**Reactivity-Cyanide**

**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 |
|---------|-----------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
|---------|-----------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|



### Sample Information

**Client Sample ID:** WC-1

**York Sample ID:** 24D1795-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**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/kg | 0.250           | 1        | EPA SW-846 Ch.7.3.3<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:52   | 04/29/2024 23:31   | SL      |

**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 |           | 32.0   |      | mg/kg | 15.0            | 1        | EPA SW-846 Ch.7.3.4<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:54   | 04/29/2024 23:39   | SL      |

**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 |           | 23.7   |      | °C    | 1.00            | 1        | EPA 170.1<br>Certifications: | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |

**Ignitability**

**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 |
|----------------|-----------|------------|------|-------|-----------------|----------|------------------------------|--------------------|--------------------|---------|
| * Ignitability |           | Non-Ignit. |      | None  | 1               | 1        | EPA 1030P<br>Certifications: | 04/28/2024 06:51   | 04/28/2024 07:36   | CAM2    |

**Paint Filter Test**

**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 |
|-------------------|-----------|----------------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| Paint Filter Test |           | No Free Liquid |      | None  | 0.05            | 1        | EPA 9095B<br>Certifications: NELAC-NY10854,NJDEP-CT005 | 04/29/2024 07:50   | 04/29/2024 08:03   | TCD     |

**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 | 85.8   |      | %     | 0.100           | 1        | SM 2540G<br>Certifications: CTDOH-PH-0723 | 04/29/2024 12:55   | 04/29/2024 14:51   | HLY     |

**SPLP Extraction for WET CHEM EPA 1312**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

| CAS No.         | Parameter | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------|-----------|-----------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| SPLP Extraction |           | Completed |      | N/A   | 1.00            | 1        | EPA 1312<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/28/2024 15:55   | 04/29/2024 17:50   | TAJ     |



Sample Information

Client Sample ID: WC-1

York Sample ID: 24D1795-01

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Values: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:50, 04/28/2024 11:08, CAM2

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Values: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:54, 04/28/2024 11:15, CAM2

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Values: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:58, 04/28/2024 11:12, CAM2

Sample Information

Client Sample ID: WC-1 (g)

York Sample ID: 24D1795-02

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Lists various organic compounds and their detection results.



### Sample Information

**Client Sample ID:** WC-1 (g)

**York Sample ID:** 24D1795-02

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter                   | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 96-18-4  | 1,2,3-Trichloropropane      | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 120-82-1 | 1,2,4-Trichlorobenzene      | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 95-63-6  | 1,2,4-Trimethylbenzene      | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 96-12-8  | 1,2-Dibromo-3-chloropropane | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 106-93-4 | 1,2-Dibromoethane           | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene         | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 107-06-2 | 1,2-Dichloroethane          | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 78-87-5  | 1,2-Dichloropropane         | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene      | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene         | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene         | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 123-91-1 | 1,4-Dioxane                 | ND     |      | ug/kg dry | 58                  | 120 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 78-93-3  | 2-Butanone                  | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 591-78-6 | 2-Hexanone                  | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone        | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 67-64-1  | Acetone                     | ND     | ICVE | ug/kg dry | 5.8                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 107-02-8 | Acrolein                    | ND     |      | ug/kg dry | 5.8                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 107-13-1 | Acrylonitrile               | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 71-43-2  | Benzene                     | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 74-97-5  | Bromochloromethane          | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 75-27-4  | Bromodichloromethane        | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 75-25-2  | Bromoform                   | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 74-83-9  | Bromomethane                | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |



### Sample Information

**Client Sample ID:** WC-1 (g)

**York Sample ID:** 24D1795-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

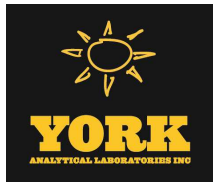
**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.     | Parameter                      | Result | Flag  | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-------------|--------------------------------|--------|-------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-15-0     | Carbon disulfide               | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 56-23-5     | Carbon tetrachloride           | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 108-90-7    | Chlorobenzene                  | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 75-00-3     | Chloroethane                   | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 67-66-3     | Chloroform                     | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 74-87-3     | Chloromethane                  | ND     | CCVE  | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 156-59-2    | cis-1,2-Dichloroethylene       | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 10061-01-5  | cis-1,3-Dichloropropylene      | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 110-82-7    | Cyclohexane                    | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 124-48-1    | Dibromochloromethane           | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 74-95-3     | Dibromomethane                 | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 75-71-8     | Dichlorodifluoromethane        | ND     | CCVE  | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 100-41-4    | Ethyl Benzene                  | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 87-68-3     | Hexachlorobutadiene            | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 98-82-8     | Isopropylbenzene               | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 79-20-9     | Methyl acetate                 | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 108-87-2    | Methylcyclohexane              | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 75-09-2     | Methylene chloride             | ND     |       | ug/kg dry | 5.8                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 104-51-8    | n-Butylbenzene                 | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 103-65-1    | n-Propylbenzene                | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 95-47-6     | o-Xylene                       | ND     |       | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |
| 179601-23-1 | p- & m- Xylenes                | ND     | QL-02 | ug/kg dry | 5.8                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 10:18   | BMT     |



### Sample Information

**Client Sample ID:** WC-1 (g)

**York Sample ID:** 24D1795-02

York Project (SDG) No.  
24D1795

Client Project ID  
Four Sparrows

Matrix  
Soil

Collection Date/Time  
April 26, 2024 11:19 am

Date Received  
04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.                     | Parameter                                  | Result        | Flag                    | Units     | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|--|---------------|-------------------------|-----------|------------------------|-----|----------|--|-----------------------|-----------------------|---------|
| 99-87-6                     | p-Isopropyltoluene                         | ND            |                         | ug/kg dry | 2.9                    | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00      | 04/29/2024 10:18      | BMT     |
| 135-98-8                    | sec-Butylbenzene                           | ND            |                         | ug/kg dry | 2.9                    | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00      | 04/29/2024 10:18      | BMT     |
| 100-42-5                    | Styrene                                    | ND            |                         | ug/kg dry | 2.9                    | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00      | 04/29/2024 10:18      | BMT     |
| 75-65-0                     | tert-Butyl alcohol (TBA)                   | ND            |                         | ug/kg dry | 2.9                    | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00      | 04/29/2024 10:18      | BMT     |
| 98-06-6                     | tert-Butylbenzene                          | ND            |                         | ug/kg dry | 2.9                    | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00      | 04/29/2024 10:18      | BMT     |
| 127-18-4                    | Tetrachloroethylene                        | ND            | CCVE,<br>ICVE,<br>QL-02 | ug/kg dry | 2.9                    | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00      | 04/29/2024 10:18      | BMT     |
| 108-88-3                    | Toluene                                    | ND            |                         | ug/kg dry | 2.9                    | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00      | 04/29/2024 10:18      | BMT     |
| 156-60-5                    | trans-1,2-Dichloroethylene                 | ND            |                         | ug/kg dry | 2.9                    | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00      | 04/29/2024 10:18      | BMT     |
| 10061-02-6                  | trans-1,3-Dichloropropylene                | ND            |                         | ug/kg dry | 2.9                    | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00      | 04/29/2024 10:18      | BMT     |
| 110-57-6                    | * trans-1,4-dichloro-2-butene              | ND            |                         | ug/kg dry | 2.9                    | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/29/2024 09:00      | 04/29/2024 10:18      | BMT     |
| 79-01-6                     | Trichloroethylene                          | ND            |                         | ug/kg dry | 2.9                    | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00      | 04/29/2024 10:18      | BMT     |
| 75-69-4                     | Trichlorofluoromethane                     | ND            |                         | ug/kg dry | 2.9                    | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00      | 04/29/2024 10:18      | BMT     |
| 75-01-4                     | Vinyl Chloride                             | ND            |                         | ug/kg dry | 2.9                    | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00      | 04/29/2024 10:18      | BMT     |
| 1330-20-7                   | Xylenes, Total                             | ND            |                         | ug/kg dry | 8.7                    | 17  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00      | 04/29/2024 10:18      | BMT     |
| <b>Surrogate Recoveries</b> |  | <b>Result</b> | <b>Acceptance Range</b> |           |                        |     |          |  |                       |                       |         |
| 17060-07-0                  | Surrogate: SURRE:<br>1,2-Dichloroethane-d4 | 103 %         | 77-125                  |           |                        |     |          |  |                       |                       |         |
| 2037-26-5                   | Surrogate: SURRE: Toluene-d8               | 99.7 %        | 85-120                  |           |                        |     |          |  |                       |                       |         |
| 460-00-4                    | Surrogate: SURRE:<br>p-Bromofluorobenzene  | 105 %         | 76-130                  |           |                        |     |          |  |                       |                       |         |

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter  | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                          | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------|------------|--------|------|-------|--------------------|----------|---|-----------------------|-----------------------|---------|
| solids  | * % Solids | 80.7   |      | %     | 0.100              | 1        | SM 2540G<br>Certifications: CTDOH-PH-0723 | 04/29/2024 12:55      | 04/29/2024 14:51      | HLY     |



### Sample Information

**Client Sample ID:** WC-2

**York Sample ID:** 24D1795-03

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

| CAS No.    | Parameter                                     | Result        | Flag  | Units | Reported to LOD/MDL     | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---|---------------|-------|-------|-------------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-35-4    | 1,1-Dichloroethylene                          | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:29   | BMT     |
| 107-06-2   | 1,2-Dichloroethane                            | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:29   | BMT     |
| 106-46-7   | 1,4-Dichlorobenzene                           | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:29   | BMT     |
| 78-93-3    | 2-Butanone                                    | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:29   | BMT     |
| 71-43-2    | Benzene                                       | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:29   | BMT     |
| 56-23-5    | Carbon tetrachloride                          | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:29   | BMT     |
| 108-90-7   | Chlorobenzene                                 | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:29   | BMT     |
| 67-66-3    | Chloroform                                    | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:29   | BMT     |
| 127-18-4   | Tetrachloroethylene                           | ND            | QL-02 | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:29   | BMT     |
| 79-01-6    | Trichloroethylene                             | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:29   | BMT     |
| 75-01-4    | Vinyl Chloride                                | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:29   | BMT     |
|            | <b>Surrogate Recoveries</b>                   | <b>Result</b> |       |       | <b>Acceptance Range</b> |     |          |  |                    |                    |         |
| 17060-07-0 | Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i> | 101 %         |       |       | 77-125                  |     |          |  |                    |                    |         |
| 460-00-4   | Surrogate: <i>SURR: p-Bromofluorobenzene</i>  | 107 %         |       |       | 84.2-124                |     |          |  |                    |                    |         |
| 2037-26-5  | Surrogate: <i>SURR: Toluene-d8</i>            | 103 %         |       |       | 85-120                  |     |          |  |                    |                    |         |

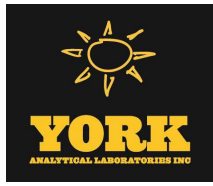
**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                             | Result | Flag | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---------------------------------------|--------|------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-52-4  | 1,1-Biphenyl                          | ND     |      | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440               | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND     | CCVE | ug/kg dry | 50.6                | 101  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440               | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND     | CCVE | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND     |      | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                           | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |      | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440               | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                   | ND     |      | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                           | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |



Sample Information

Client Sample ID: WC-2

York Sample ID: 24D1795-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various chemical compounds and their detection results.





### Sample Information

**Client Sample ID:** WC-2

**York Sample ID:** 24D1795-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.   | Parameter                         | Result      | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------------------------------|-------------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 100-01-6  | 4-Nitroaniline                    | ND          |       | ug/kg dry | 50.6                | 101  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 100-02-7  | 4-Nitrophenol                     | ND          |       | ug/kg dry | 50.6                | 101  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 83-32-9   | <b>Acenaphthene</b>               | <b>36.0</b> | J     | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 208-96-8  | <b>Acenaphthylene</b>             | <b>88.5</b> |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 98-86-2   | Acetophenone                      | ND          |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 62-53-3   | Aniline                           | ND          | ICVE  | ug/kg dry | 101                 | 202  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 120-12-7  | <b>Anthracene</b>                 | <b>236</b>  |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 1912-24-9 | Atrazine                          | ND          |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 100-52-7  | Benzaldehyde                      | ND          |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 92-87-5   | Benzidine                         | ND          |       | ug/kg dry | 101                 | 202  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 56-55-3   | <b>Benzo(a)anthracene</b>         | <b>820</b>  |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 50-32-8   | <b>Benzo(a)pyrene</b>             | <b>600</b>  |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 205-99-2  | <b>Benzo(b)fluoranthene</b>       | <b>852</b>  |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 191-24-2  | <b>Benzo(g,h,i)perylene</b>       | <b>369</b>  |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 207-08-9  | <b>Benzo(k)fluoranthene</b>       | <b>254</b>  |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 65-85-0   | Benzoic acid                      | ND          | CAL-E | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 100-51-6  | Benzyl alcohol                    | ND          |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 85-68-7   | <b>Benzyl butyl phthalate</b>     | <b>460</b>  |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 111-91-1  | Bis(2-chloroethoxy)methane        | ND          |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 111-44-4  | Bis(2-chloroethyl)ether           | ND          |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 108-60-1  | Bis(2-chloroisopropyl)ether       | ND          |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 117-81-7  | <b>Bis(2-ethylhexyl)phthalate</b> | <b>477</b>  |       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 105-60-2  | Caprolactam                       | ND          |       | ug/kg dry | 50.6                | 101  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |



### Sample Information

**Client Sample ID:** WC-2

**York Sample ID:** 24D1795-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                  | Result | Flag       | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|----------------------------|--------|------------|-----------|---------------------|------|----------|--|--------------------|--------------------|---------|
| 86-74-8  | Carbazole                  | 61.0   |            | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 218-01-9 | Chrysene                   | 647    | CCVE       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 53-70-3  | Dibenzo(a,h)anthracene     | 121    |            | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 132-64-9 | Dibenzofuran               | ND     |            | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 84-66-2  | Diethyl phthalate          | ND     |            | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 131-11-3 | Dimethyl phthalate         | ND     |            | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 84-74-2  | Di-n-butyl phthalate       | ND     |            | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 117-84-0 | Di-n-octyl phthalate       | ND     | CAL-E      | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 122-39-4 | * Diphenylamine            | ND     |            | ug/kg dry | 50.6                | 101  | 1        | EPA 8270E<br>Certifications:   | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 206-44-0 | Fluoranthene               | 2190   |            | ug/kg dry | 50.7                | 101  | 2        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 04/29/2024 13:25   | SS      |
| 86-73-7  | Fluorene                   | 55.8   |            | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440            | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 118-74-1 | Hexachlorobenzene          | ND     |            | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 87-68-3  | Hexachlorobutadiene        | ND     | CCVE       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 77-47-4  | Hexachlorocyclopentadiene  | ND     | CCVE, ICVE | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 67-72-1  | Hexachloroethane           | ND     |            | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | 531    |            | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 78-59-1  | Isophorone                 | ND     |            | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 91-20-3  | Naphthalene                | ND     |            | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 98-95-3  | Nitrobenzene               | ND     |            | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     | CAL-E      | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 621-64-7 | N-nitroso-di-n-propylamine | ND     |            | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 86-30-6  | N-Nitrosodiphenylamine     | ND     | CCVE       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 87-86-5  | Pentachlorophenol          | ND     | CCVE       | ug/kg dry | 25.3                | 50.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |



### Sample Information

**Client Sample ID:** WC-2

**York Sample ID:** 24D1795-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                             | Result        | Flag | Units     | Reported to LOD/MDL     | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------------|---------------|------|-----------|-------------------------|--------|----------|--|--------------------|--------------------|---------|
| 85-01-8                     | Phenanthrene                          | 1070          |      | ug/kg dry | 25.3                    | 50.6   | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 108-95-2                    | Phenol                                | ND            |      | ug/kg dry | 25.3                    | 50.6   | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| 129-00-0                    | Pyrene                                | 1590          |      | ug/kg dry | 25.3                    | 50.6   | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 21:32   | SS      |
| <b>Surrogate Recoveries</b> |                                       | <b>Result</b> |      |           | <b>Acceptance Range</b> |        |          |  |                    |                    |         |
| 367-12-4                    | Surrogate: SURR: 2-Fluorophenol       | 97.8 %        |      |           | 20-108                  |        |          |  |                    |                    |         |
| 13127-88-3                  | Surrogate: SURR: Phenol-d6            | 95.7 %        |      |           | 23-114                  |        |          |  |                    |                    |         |
| 4165-60-0                   | Surrogate: SURR: Nitrobenzene-d5      | 96.6 %        |      |           | 22-108                  |        |          |  |                    |                    |         |
| 321-60-8                    | Surrogate: SURR: 2-Fluorobiphenyl     | 82.2 %        |      |           | 21-113                  |        |          |  |                    |                    |         |
| 118-79-6                    | Surrogate: SURR: 2,4,6-Tribromophenol | 78.1 %        | S-08 |           |                         | 19-110 |          |  |                    |                    |         |
| 1718-51-0                   | Surrogate: SURR: Terphenyl-d14        | 87.0 %        |      |           | 24-116                  |        |          |  |                    |                    |         |

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.    | Parameter             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------|--------|------|-------|---------------------|------|----------|--|--------------------|--------------------|---------|
| 106-46-7   | 1,4-Dichlorobenzene   | ND     |      | ug/L  | 6.45                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 05/01/2024 08:16   | 05/02/2024 14:52   | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol | ND     |      | ug/L  | 7.22                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 14:52   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol | ND     |      | ug/L  | 6.54                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 14:52   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene    | ND     |      | ug/L  | 4.73                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 14:52   | SS      |
| 95-48-7    | 2-Methylphenol        | ND     |      | ug/L  | 1.71                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 14:52   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols  | ND     |      | ug/L  | 7.43                | 20.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 14:52   | SS      |
| 1319-77-3  | Cresols, total        | ND     |      | ug/L  | 7.40                | 30.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854                          | 05/01/2024 08:16   | 05/02/2024 14:52   | SS      |
| 118-74-1   | Hexachlorobenzene     | ND     |      | ug/L  | 5.91                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 14:52   | SS      |
| 87-68-3    | Hexachlorobutadiene   | ND     |      | ug/L  | 6.62                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 14:52   | SS      |
| 67-72-1    | Hexachloroethane      | ND     |      | ug/L  | 7.26                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 14:52   | SS      |
| 98-95-3    | Nitrobenzene          | ND     |      | ug/L  | 3.93                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 14:52   | SS      |
| 87-86-5    | Pentachlorophenol     | ND     |      | ug/L  | 7.53                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 14:52   | SS      |
| 110-86-1   | Pyridine              | ND     |      | ug/L  | 6.37                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 14:52   | SS      |



### Sample Information

**Client Sample ID:** WC-2

**York Sample ID:** 24D1795-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.                     | Parameter                             | Result        | Flag                    | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------------|---------------|-------------------------|-------|---------------------|-----|----------|------------------|--------------------|--------------------|---------|
| <b>Surrogate Recoveries</b> |                                       | <b>Result</b> | <b>Acceptance Range</b> |       |                     |     |          |                  |                    |                    |         |
| 367-12-4                    | Surrogate: SURR: 2-Fluorophenol       | 38.5 %        |                         |       | 10-90.9             |     |          |                  |                    |                    |         |
| 13127-88-3                  | Surrogate: SURR: Phenol-d6            | 23.8 %        |                         |       | 10-69.2             |     |          |                  |                    |                    |         |
| 4165-60-0                   | Surrogate: SURR: Nitrobenzene-d5      | 105 %         |                         |       | 19.2-141            |     |          |                  |                    |                    |         |
| 321-60-8                    | Surrogate: SURR: 2-Fluorobiphenyl     | 74.5 %        |                         |       | 24.8-127            |     |          |                  |                    |                    |         |
| 118-79-6                    | Surrogate: SURR: 2,4,6-Tribromophenol | 82.5 %        |                         |       | 23-163              |     |          |                  |                    |                    |         |
| 1718-51-0                   | Surrogate: SURR: Terphenyl-d14        | 83.3 %        |                         |       | 25.8-110            |     |          |                  |                    |                    |         |

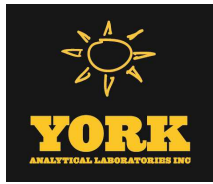
**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter          | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|--------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 72-54-8    | 4,4'-DDD           | ND     |      | ug/kg dry | 2.03            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 72-55-9    | 4,4'-DDE           | ND     |      | ug/kg dry | 2.03            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 50-29-3    | 4,4'-DDT           | ND     |      | ug/kg dry | 2.03            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 309-00-2   | Aldrin             | ND     |      | ug/kg dry | 2.03            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 319-84-6   | alpha-BHC          | ND     |      | ug/kg dry | 2.03            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 5103-71-9  | alpha-Chlordane    | ND     |      | ug/kg dry | 2.03            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 319-85-7   | beta-BHC           | ND     |      | ug/kg dry | 2.03            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 57-74-9    | Chlordane, total   | ND     |      | ug/kg dry | 40.5            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 319-86-8   | delta-BHC          | ND     |      | ug/kg dry | 2.03            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 60-57-1    | Dieldrin           | ND     |      | ug/kg dry | 2.03            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 959-98-8   | Endosulfan I       | ND     |      | ug/kg dry | 2.03            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 33213-65-9 | Endosulfan II      | ND     |      | ug/kg dry | 2.03            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 1031-07-8  | Endosulfan sulfate | ND     |      | ug/kg dry | 2.03            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 72-20-8    | Endrin             | ND     |      | ug/kg dry | 2.03            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 7421-93-4  | Endrin aldehyde    | ND     |      | ug/kg dry | 2.03            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 53494-70-5 | Endrin ketone      | ND     |      | ug/kg dry | 2.03            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |



### Sample Information

**Client Sample ID:** WC-2

**York Sample ID:** 24D1795-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag | Units     | Reported to LOQ         | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-----------|-------------------------|----------|---|--------------------|--------------------|---------|
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/kg dry | 2.03                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 5566-34-7                   | gamma-Chlordane                 | ND            |      | ug/kg dry | 2.03                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/kg dry | 2.03                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/kg dry | 2.03                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/kg dry | 2.03                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/kg dry | 203                     | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 01:58   | TAH     |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |   |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 96.6 %        |      |           | 30-150                  |          |   |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 92.4 %        |      |           | 30-150                  |          |   |                    |                    |         |

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No.                     | Parameter                       | Result        | Flag | Units | Reported to LOD/MDL     | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-------|-------------------------|--------|----------|--|--------------------|--------------------|---------|
| 57-74-9                     | Chlordane, total                | ND            |      | ug/L  | 0.222                   | 0.222  | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 03:50   | TAH     |
| 72-20-8                     | Endrin                          | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 03:50   | TAH     |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 03:50   | TAH     |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 03:50   | TAH     |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 03:50   | TAH     |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 03:50   | TAH     |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/L  | 1.11                    | 1.11   | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 03:50   | TAH     |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |       | <b>Acceptance Range</b> |        |          |  |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 79.3 %        |      |       | 30-120                  |        |          |  |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 63.5 %        |      |       | 30-120                  |        |          |  |                    |                    |         |

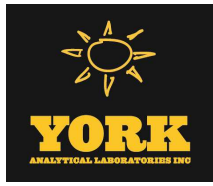
**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter    | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|--------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 12674-11-2 | Aroclor 1016 | ND     |      | mg/kg dry | 0.0205          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:17   | NF      |



### Sample Information

**Client Sample ID:** WC-2

**York Sample ID:** 24D1795-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag                    | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|-------------------------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 11104-28-2                  | Aroclor 1221                    | ND            |                         | mg/kg dry | 0.0205          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:17   | NF      |
| 11141-16-5                  | Aroclor 1232                    | ND            |                         | mg/kg dry | 0.0205          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:17   | NF      |
| 53469-21-9                  | Aroclor 1242                    | ND            |                         | mg/kg dry | 0.0205          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:17   | NF      |
| 12672-29-6                  | Aroclor 1248                    | ND            |                         | mg/kg dry | 0.0205          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:17   | NF      |
| 11097-69-1                  | Aroclor 1254                    | ND            |                         | mg/kg dry | 0.0205          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:17   | NF      |
| 11096-82-5                  | Aroclor 1260                    | ND            |                         | mg/kg dry | 0.0205          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:17   | NF      |
| 37324-23-5                  | Aroclor 1262                    | ND            |                         | mg/kg dry | 0.0205          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 02:17   | NF      |
| 11100-14-4                  | Aroclor 1268                    | ND            |                         | mg/kg dry | 0.0205          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 02:17   | NF      |
| 1336-36-3                   | * Total PCBs                    | ND            |                         | mg/kg dry | 0.0205          | 1        | EPA 8082A<br>Certifications:  | 04/27/2024 07:18   | 04/29/2024 02:17   | NF      |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 75.5 %        | 30-140                  |           |                 |          |   |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 76.5 %        | 30-140                  |           |                 |          |   |                    |                    |         |

**Herbicides, Target List**

**Log-in Notes:**

**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            |                         | ug/kg dry | 24.6            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 21:57   | BCJ     |
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/kg dry | 24.6            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 21:57   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/kg dry | 24.6            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 21:57   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 78.6 %        | 21-150                  |           |                 |          |   |                    |                    |         |

**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| CAS No.                     | Parameter         | Result        | Flag                    | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|-------------------|---------------|-------------------------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 93-72-1                     | 2,4,5-TP (Silvex) | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 07:21   | BCJ     |
| 94-75-7                     | 2,4-D             | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 07:21   | BCJ     |
| <b>Surrogate Recoveries</b> |                   | <b>Result</b> | <b>Acceptance Range</b> |       |                 |          |  |                    |                    |         |



### Sample Information

**Client Sample ID:** WC-2

**York Sample ID:** 24D1795-03

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| 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 (DCAA) | 62.2 % |      |       | 10-150          |          |                  |                    |                    |         |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

**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 |
|-----------|-------------------------------|---------------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
|           | * Total EPH                   | ND            |      | mg/kg dry | 59.8            | 1        | NJDEP EPH Rev 3.0<br>Certifications: NJDEP-CT005 | 04/29/2024 08:23   | 04/30/2024 11:42   | GXB     |
|           | <b>Surrogate Recoveries</b>   | <b>Result</b> |      |           |                 |          | <b>Acceptance Range</b>                          |                    |                    |         |
| 3386-33-2 | Surrogate: 1-Chlorooctadecane | 81.2 %        |      |           |                 |          | 31.6-128   |                    |                    |         |
| 84-15-1   | Surrogate: o-Terphenyl        | 80.1 %        |      |           |                 |          | 28.7-124   |                    |                    |         |

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 5330   |      | mg/kg dry | 5.14            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7440-36-0 | Antimony  | ND     |      | mg/kg dry | 2.57            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7440-38-2 | Arsenic   | 3.28   |      | mg/kg dry | 1.54            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7440-39-3 | Barium    | 157    |      | mg/kg dry | 2.56            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7440-41-7 | Beryllium | ND     |      | mg/kg dry | 0.052           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7440-43-9 | Cadmium   | 0.800  |      | mg/kg dry | 0.308           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7440-70-2 | Calcium   | 1610   |      | mg/kg dry | 5.14            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7440-47-3 | Chromium  | 13.1   |      | mg/kg dry | 0.514           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7440-48-4 | Cobalt    | 3.64   |      | mg/kg dry | 0.410           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7440-50-8 | Copper    | 29.4   |      | mg/kg dry | 2.05            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7439-89-6 | Iron      | 8620   |      | mg/kg dry | 25.7            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7439-92-1 | Lead      | 308    |      | mg/kg dry | 0.514           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |



### Sample Information

**Client Sample ID:** WC-2

**York Sample ID:** 24D1795-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag          | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|---------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7439-95-4 | Magnesium | 1690   |               | mg/kg dry | 5.14            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7439-96-5 | Manganese | 113    |               | mg/kg dry | 0.514           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7440-02-0 | Nickel    | 20.4   |               | mg/kg dry | 1.02            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7440-09-7 | Potassium | 733    | M-CCV<br>I, B | mg/kg dry | 5.14            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7782-49-2 | Selenium  | ND     |               | mg/kg dry | 2.57            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7440-22-4 | Silver    | ND     |               | mg/kg dry | 0.518           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7440-23-5 | Sodium    | 106    |               | mg/kg dry | 51.4            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7440-62-2 | Vanadium  | 17.0   |               | mg/kg dry | 1.02            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |
| 7440-66-6 | Zinc      | 154    |               | mg/kg dry | 2.56            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:05   | AGNR    |

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-38-2 | Arsenic   | ND     |      | mg/L  | 0.375           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:50   | AGNR    |
| 7440-39-3 | Barium    | 1.21   |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:50   | AGNR    |
| 7440-43-9 | Cadmium   | ND     |      | mg/L  | 0.075           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:50   | AGNR    |
| 7440-47-3 | Chromium  | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:50   | AGNR    |
| 7439-92-1 | Lead      | 0.935  |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:50   | AGNR    |
| 7782-49-2 | Selenium  | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:50   | AGNR    |
| 7440-22-4 | Silver    | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:50   | AGNR    |

**Thallium by EPA 6020**

**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 |
|-----------|-----------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 0.103           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/30/2024 08:56   | 05/01/2024 11:56   | AJL     |





### Sample Information

**Client Sample ID:** WC-2

**York Sample ID:** 24D1795-03

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**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   | 0.247  |      | mg/kg dry | 0.0370          | 1        | EPA 7473         | 05/01/2024 09:05   | 05/01/2024 16:18   | DRS     |
| Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04 |           |        |      |           |                 |          |                  |                    |                    |         |

**Mercury, TCLP**

**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  | 0.000200        | 1        | EPA 7470/1311    | 05/01/2024 08:13   | 05/01/2024 08:13   | PFA     |
| Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108 |           |        |      |       |                 |          |                  |                    |                    |         |

**Chloride, SPLP**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 300/1312

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|-----------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
| 16887-00-6  | Chloride  | 2.80   |      | mg/L  | 0.500           | 1        | EPA 300.0        | 05/02/2024 12:35   | 05/02/2024 12:35   | NJO     |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005 |           |        |      |       |                 |          |                  |                    |                    |         |

**Chromium, Hexavalent**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

| CAS No.  | Parameter            | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|--|----------------------|--------|------|-----------|-----------------|----------|------------------|--------------------|--------------------|---------|
| 18540-29-9   | Chromium, Hexavalent | ND     |      | mg/kg dry | 0.616           | 1        | EPA 7196A        | 05/01/2024 11:15   | 05/01/2024 16:49   | JAMT    |
| Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044 |                      |        |      |           |                 |          |                  |                    |                    |         |

**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 |
|--|-----------|--------|------|----------|-----------------|----------|------------------|--------------------|--------------------|---------|
|  | pH        | 7.22   |      | pH units | 0.500           | 1        | EPA 9045D        | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |
| Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440 |           |        |      |          |                 |          |                  |                    |                    |         |

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

| CAS No.  | Parameter      | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|--|----------------|--------|------|-----------|-----------------|----------|------------------|--------------------|--------------------|---------|
| 57-12-5  | Cyanide, total | ND     |      | mg/kg dry | 0.616           | 1        | EPA 9014/9010C   | 05/01/2024 07:12   | 05/01/2024 13:07   | PMB     |
| Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 |                |        |      |           |                 |          |                  |                    |                    |         |

**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 |
|---------|-----------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
|---------|-----------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|



### Sample Information

**Client Sample ID:** WC-2

**York Sample ID:** 24D1795-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**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/kg | 0.250           | 1        | EPA SW-846 Ch.7.3.3<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:52   | 04/29/2024 23:31   | SL      |

**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 |           | 16.0   |      | mg/kg | 15.0            | 1        | EPA SW-846 Ch.7.3.4<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:54   | 04/29/2024 23:39   | SL      |

**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 |           | 23.6   |      | °C    | 1.00            | 1        | EPA 170.1<br>Certifications: | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |

**Ignitability**

**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 |
|----------------|-----------|------------|------|-------|-----------------|----------|------------------------------|--------------------|--------------------|---------|
| * Ignitability |           | Non-Ignit. |      | None  | 1               | 1        | EPA 1030P<br>Certifications: | 04/28/2024 06:49   | 04/28/2024 07:35   | CAM2    |

**Paint Filter Test**

**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 |
|-------------------|-----------|----------------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| Paint Filter Test |           | No Free Liquid |      | None  | 0.05            | 1        | EPA 9095B<br>Certifications: NELAC-NY10854,NJDEP-CT005 | 04/29/2024 07:50   | 04/29/2024 08:03   | TCD     |

**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 | 81.1   |      | %     | 0.100           | 1        | SM 2540G<br>Certifications: CTDOH-PH-0723 | 04/29/2024 12:55   | 04/29/2024 14:51   | HLY     |

**SPLP Extraction for WET CHEM EPA 1312**

**Log-in Notes:**

**Sample Notes:** EXT-Temp, WTCLP\_AMT

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

| CAS No.         | Parameter | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------|-----------|-----------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| SPLP Extraction |           | Completed |      | N/A   | 1.00            | 1        | EPA 1312<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 16:09   | 05/02/2024 11:04   | CAM2    |



Sample Information

Client Sample ID: WC-2

York Sample ID: 24D1795-03

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Values: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:50, 04/28/2024 11:08, CAM2

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Values: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:54, 04/28/2024 11:15, CAM2

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Values: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:58, 04/28/2024 11:12, CAM2

Sample Information

Client Sample ID: WC-2 (g)

York Sample ID: 24D1795-04

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Lists various organic compounds and their results.



### Sample Information

**Client Sample ID:** WC-2 (g)

**York Sample ID:** 24D1795-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter                   | Result     | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------|------------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 96-18-4  | 1,2,3-Trichloropropane      | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 120-82-1 | 1,2,4-Trichlorobenzene      | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 95-63-6  | 1,2,4-Trimethylbenzene      | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 96-12-8  | 1,2-Dibromo-3-chloropropane | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 106-93-4 | 1,2-Dibromoethane           | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene         | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 107-06-2 | 1,2-Dichloroethane          | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 78-87-5  | 1,2-Dichloropropane         | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene      | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene         | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene         | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 123-91-1 | 1,4-Dioxane                 | ND         |      | ug/kg dry | 51                  | 100 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 78-93-3  | <b>2-Butanone</b>           | <b>390</b> |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 591-78-6 | 2-Hexanone                  | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone        | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 67-64-1  | <b>Acetone</b>              | <b>49</b>  | ICVE | ug/kg dry | 5.1                 | 10  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 107-02-8 | Acrolein                    | ND         |      | ug/kg dry | 5.1                 | 10  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 107-13-1 | Acrylonitrile               | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 71-43-2  | Benzene                     | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 74-97-5  | Bromochloromethane          | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 75-27-4  | Bromodichloromethane        | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 75-25-2  | Bromoform                   | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 74-83-9  | Bromomethane                | ND         |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |



### Sample Information

**Client Sample ID:** WC-2 (g)

**York Sample ID:** 24D1795-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

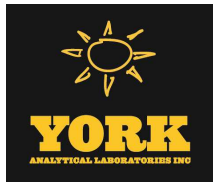
**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.     | Parameter                      | Result     | Flag  | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-------------|--------------------------------|------------|-------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-15-0     | Carbon disulfide               | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 56-23-5     | Carbon tetrachloride           | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 108-90-7    | Chlorobenzene                  | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 75-00-3     | Chloroethane                   | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 67-66-3     | Chloroform                     | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 74-87-3     | Chloromethane                  | ND         | CCVE  | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 156-59-2    | cis-1,2-Dichloroethylene       | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 10061-01-5  | cis-1,3-Dichloropropylene      | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 110-82-7    | Cyclohexane                    | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 124-48-1    | Dibromochloromethane           | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 74-95-3     | Dibromomethane                 | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 75-71-8     | Dichlorodifluoromethane        | ND         | CCVE  | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 100-41-4    | Ethyl Benzene                  | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 87-68-3     | Hexachlorobutadiene            | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 98-82-8     | Isopropylbenzene               | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 79-20-9     | <b>Methyl acetate</b>          | <b>8.1</b> |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 108-87-2    | Methylcyclohexane              | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 75-09-2     | Methylene chloride             | ND         |       | ug/kg dry | 5.1                 | 10  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 104-51-8    | n-Butylbenzene                 | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 103-65-1    | n-Propylbenzene                | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 95-47-6     | o-Xylene                       | ND         |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 179601-23-1 | p- & m- Xylenes                | ND         | QL-02 | ug/kg dry | 5.1                 | 10  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |



### Sample Information

**Client Sample ID:** WC-2 (g)

**York Sample ID:** 24D1795-04

**York Project (SDG) No.**  
24D1795

**Client Project ID**  
Four Sparrows

**Matrix**  
Soil

**Collection Date/Time**  
April 26, 2024 11:19 am

**Date Received**  
04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.                     | Parameter                                  | Result        | Flag                    | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|--|---------------|-------------------------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 99-87-6                     | p-Isopropyltoluene                         | ND            |                         | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 135-98-8                    | sec-Butylbenzene                           | ND            |                         | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 100-42-5                    | Styrene                                    | ND            |                         | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 75-65-0                     | tert-Butyl alcohol (TBA)                   | ND            |                         | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 98-06-6                     | tert-Butylbenzene                          | ND            |                         | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 127-18-4                    | Tetrachloroethylene                        | ND            | CCVE,<br>ICVE,<br>QL-02 | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 108-88-3                    | Toluene                                    | ND            |                         | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 156-60-5                    | trans-1,2-Dichloroethylene                 | ND            |                         | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 10061-02-6                  | trans-1,3-Dichloropropylene                | ND            |                         | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 110-57-6                    | * trans-1,4-dichloro-2-butene              | ND            |                         | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 79-01-6                     | Trichloroethylene                          | ND            |                         | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 75-69-4                     | Trichlorofluoromethane                     | ND            |                         | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 75-01-4                     | Vinyl Chloride                             | ND            |                         | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| 1330-20-7                   | Xylenes, Total                             | ND            |                         | ug/kg dry | 7.6                 | 15  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 10:44   | BMT     |
| <b>Surrogate Recoveries</b> |  | <b>Result</b> | <b>Acceptance Range</b> |           |                     |     |          |  |                    |                    |         |
| 17060-07-0                  | Surrogate: SURRE:<br>1,2-Dichloroethane-d4 | 99.4 %        | 77-125                  |           |                     |     |          |  |                    |                    |         |
| 2037-26-5                   | Surrogate: SURRE: Toluene-d8               | 98.8 %        | 85-120                  |           |                     |     |          |  |                    |                    |         |
| 460-00-4                    | Surrogate: SURRE:<br>p-Bromofluorobenzene  | 104 %         | 76-130                  |           |                     |     |          |  |                    |                    |         |

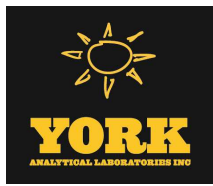
**Total Solids**

**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 | 83.6   |      | %     | 0.100           | 1        | SM 2540G<br>Certifications: CTDOH-PH-0723 | 04/29/2024 12:55   | 04/29/2024 14:51   | HLV     |



### Sample Information

**Client Sample ID:** WC-3

**York Sample ID:** 24D1795-05

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

| CAS No.    | Parameter   | Result        | Flag  | Units | Reported to LOD/MDL     | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---|---------------|-------|-------|-------------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-35-4    | 1,1-Dichloroethylene                                    | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:55   | BMT     |
| 107-06-2   | 1,2-Dichloroethane                                      | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:55   | BMT     |
| 106-46-7   | 1,4-Dichlorobenzene                                     | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:55   | BMT     |
| 78-93-3    | 2-Butanone  | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:55   | BMT     |
| 71-43-2    | Benzene   | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:55   | BMT     |
| 56-23-5    | Carbon tetrachloride                                    | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:55   | BMT     |
| 108-90-7   | Chlorobenzene   | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:55   | BMT     |
| 67-66-3    | Chloroform  | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:55   | BMT     |
| 127-18-4   | Tetrachloroethylene                                     | ND            | QL-02 | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:55   | BMT     |
| 79-01-6    | Trichloroethylene                                       | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:55   | BMT     |
| 75-01-4    | Vinyl Chloride  | ND            |       | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 15:55   | BMT     |
|            | <b>Surrogate Recoveries</b>                             | <b>Result</b> |       |       | <b>Acceptance Range</b> |     |          |  |                    |                    |         |
| 17060-07-0 | Surrogate: <i>SURR:</i><br><i>1,2-Dichloroethane-d4</i> | 102 %         |       |       | 77-125                  |     |          |  |                    |                    |         |
| 460-00-4   | Surrogate: <i>SURR:</i><br><i>p-Bromofluorobenzene</i>  | 106 %         |       |       | 84.2-124                |     |          |  |                    |                    |         |
| 2037-26-5  | Surrogate: <i>SURR:</i> <i>Toluene-d8</i>               | 103 %         |       |       | 85-120                  |     |          |  |                    |                    |         |

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                             | Result | Flag | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---------------------------------------|--------|------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-52-4  | 1,1-Biphenyl                          | ND     |      | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND     | CCVE | ug/kg dry | 50.3                | 101  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND     | CCVE | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND     |      | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |      | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                   | ND     |      | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |



### Sample Information

**Client Sample ID:** WC-3

**York Sample ID:** 24D1795-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                   | Result | Flag        | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------------|--------|-------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 106-46-7   | 1,4-Dichlorobenzene         | ND     |             | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol   | ND     | CCVE        | ug/kg dry | 50.3                | 101  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND     |             | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND     |             | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 120-83-2   | 2,4-Dichlorophenol          | ND     |             | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 105-67-9   | 2,4-Dimethylphenol          | ND     | ICVE        | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 51-28-5    | 2,4-Dinitrophenol           | ND     | CAL-E       | ug/kg dry | 50.3                | 101  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene          | ND     |             | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 606-20-2   | 2,6-Dinitrotoluene          | ND     |             | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 91-58-7    | 2-Chloronaphthalene         | ND     |             | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 95-57-8    | 2-Chlorophenol              | ND     |             | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 91-57-6    | 2-Methylnaphthalene         | ND     |             | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 95-48-7    | 2-Methylphenol              | ND     |             | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 88-74-4    | 2-Nitroaniline              | ND     |             | ug/kg dry | 50.3                | 101  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 88-75-5    | 2-Nitrophenol               | ND     |             | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols        | ND     | CAL-E       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |             | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 99-09-2    | 3-Nitroaniline              | ND     |             | ug/kg dry | 50.3                | 101  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     | CAL-E, CCVE | ug/kg dry | 50.3                | 101  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     | CCVE        | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |             | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 106-47-8   | 4-Chloroaniline             | ND     |             | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |             | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |





### Sample Information

**Client Sample ID:** WC-3

**York Sample ID:** 24D1795-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.   | Parameter                      | Result     | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|--------------------------------|------------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 100-01-6  | 4-Nitroaniline                 | ND         |       | ug/kg dry | 50.3                | 101  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 100-02-7  | 4-Nitrophenol                  | ND         |       | ug/kg dry | 50.3                | 101  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 83-32-9   | Acenaphthene                   | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 208-96-8  | Acenaphthylene                 | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 98-86-2   | Acetophenone                   | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 62-53-3   | Aniline                        | ND         | ICVE  | ug/kg dry | 101                 | 202  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 120-12-7  | Anthracene                     | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 1912-24-9 | Atrazine                       | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 100-52-7  | Benzaldehyde                   | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 92-87-5   | Benzidine                      | ND         |       | ug/kg dry | 101                 | 202  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 56-55-3   | Benzo(a)anthracene             | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 50-32-8   | Benzo(a)pyrene                 | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 205-99-2  | Benzo(b)fluoranthene           | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 191-24-2  | Benzo(g,h,i)perylene           | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 207-08-9  | Benzo(k)fluoranthene           | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 65-85-0   | Benzoic acid                   | ND         | CAL-E | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 100-51-6  | Benzyl alcohol                 | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 85-68-7   | <b>Benzy l butyl phthalate</b> | <b>177</b> |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 111-91-1  | Bis(2-chloroethoxy)methane     | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 111-44-4  | Bis(2-chloroethyl)ether        | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 108-60-1  | Bis(2-chloroisopropyl)ether    | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 117-81-7  | Bis(2-ethylhexyl)phthalate     | ND         |       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 105-60-2  | Caprolactam                    | ND         |       | ug/kg dry | 50.3                | 101  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |



### Sample Information

**Client Sample ID:** WC-3

**York Sample ID:** 24D1795-05

York Project (SDG) No.

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24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                  | Result | Flag       | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|----------------------------|--------|------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 86-74-8  | Carbazole                  | ND     |            | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 218-01-9 | Chrysene                   | ND     | CCVE       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     |            | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 132-64-9 | Dibenzofuran               | ND     |            | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 84-66-2  | Diethyl phthalate          | ND     |            | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 131-11-3 | Dimethyl phthalate         | ND     |            | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 84-74-2  | Di-n-butyl phthalate       | ND     |            | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 117-84-0 | Di-n-octyl phthalate       | ND     | CAL-E      | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 122-39-4 | * Diphenylamine            | ND     |            | ug/kg dry | 50.3                | 101  | 1        | EPA 8270E<br>Certifications:  | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 206-44-0 | Fluoranthene               | ND     |            | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 86-73-7  | Fluorene                   | ND     |            | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 118-74-1 | Hexachlorobenzene          | ND     |            | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 87-68-3  | Hexachlorobutadiene        | ND     | CCVE       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 77-47-4  | Hexachlorocyclopentadiene  | ND     | CCVE, ICVE | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 67-72-1  | Hexachloroethane           | ND     |            | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     |            | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 78-59-1  | Isophorone                 | ND     |            | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 91-20-3  | Naphthalene                | ND     |            | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 98-95-3  | Nitrobenzene               | ND     |            | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     | CAL-E      | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 621-64-7 | N-nitroso-di-n-propylamine | ND     |            | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 86-30-6  | N-Nitrosodiphenylamine     | ND     | CCVE       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |
| 87-86-5  | Pentachlorophenol          | ND     | CCVE       | ug/kg dry | 25.2                | 50.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 17:51   | SS      |



Sample Information

Client Sample ID: WC-3

York Sample ID: 24D1795-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Phenanthrene, Phenol, Pyrene, and Surrogate Recoveries.

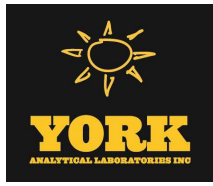
Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,4-Dichlorobenzene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, etc.



### Sample Information

**Client Sample ID:** WC-3

**York Sample ID:** 24D1795-05

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| 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       | 46.7 % |      |       | 10-90.9             |     |          |                  |                    |                    |         |
| 13127-88-3 | Surrogate: SURR: Phenol-d6            | 46.5 % |      |       | 10-69.2             |     |          |                  |                    |                    |         |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5      | 122 %  |      |       | 19.2-141            |     |          |                  |                    |                    |         |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl     | 86.3 % |      |       | 24.8-127            |     |          |                  |                    |                    |         |
| 118-79-6   | Surrogate: SURR: 2,4,6-Tribromophenol | 99.5 % |      |       | 23-163              |     |          |                  |                    |                    |         |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14        | 102 %  |      |       | 25.8-110            |     |          |                  |                    |                    |         |

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter          | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|--------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 72-54-8    | 4,4'-DDD           | ND     |      | ug/kg dry | 2.04            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 72-55-9    | 4,4'-DDE           | ND     |      | ug/kg dry | 2.04            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 50-29-3    | 4,4'-DDT           | ND     |      | ug/kg dry | 2.04            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 309-00-2   | Aldrin             | ND     |      | ug/kg dry | 2.04            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 319-84-6   | alpha-BHC          | ND     |      | ug/kg dry | 2.04            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 5103-71-9  | alpha-Chlordane    | ND     |      | ug/kg dry | 2.04            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 319-85-7   | beta-BHC           | ND     |      | ug/kg dry | 2.04            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 57-74-9    | Chlordane, total   | ND     |      | ug/kg dry | 40.8            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 319-86-8   | delta-BHC          | ND     |      | ug/kg dry | 2.04            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 60-57-1    | Dieldrin           | ND     |      | ug/kg dry | 2.04            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 959-98-8   | Endosulfan I       | ND     |      | ug/kg dry | 2.04            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 33213-65-9 | Endosulfan II      | ND     |      | ug/kg dry | 2.04            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 1031-07-8  | Endosulfan sulfate | ND     |      | ug/kg dry | 2.04            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 72-20-8    | Endrin             | ND     |      | ug/kg dry | 2.04            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 7421-93-4  | Endrin aldehyde    | ND     |      | ug/kg dry | 2.04            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 53494-70-5 | Endrin ketone      | ND     |      | ug/kg dry | 2.04            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |



### Sample Information

**Client Sample ID:** WC-3

**York Sample ID:** 24D1795-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag | Units     | Reported to LOQ         | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-----------|-------------------------|----------|---|--------------------|--------------------|---------|
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/kg dry | 2.04                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 5566-34-7                   | gamma-Chlordane                 | ND            |      | ug/kg dry | 2.04                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/kg dry | 2.04                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/kg dry | 2.04                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/kg dry | 2.04                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/kg dry | 204                     | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:16   | TAH     |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |   |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 104 %         |      |           | 30-150                  |          |   |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 87.9 %        |      |           | 30-150                  |          |   |                    |                    |         |

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No.                     | Parameter                       | Result        | Flag | Units | Reported to LOD/MDL     | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-------|-------------------------|--------|----------|--|--------------------|--------------------|---------|
| 57-74-9                     | Chlordane, total                | ND            |      | ug/L  | 0.222                   | 0.222  | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:08   | TAH     |
| 72-20-8                     | Endrin                          | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:08   | TAH     |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:08   | TAH     |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:08   | TAH     |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:08   | TAH     |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:08   | TAH     |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/L  | 1.11                    | 1.11   | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:08   | TAH     |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |       | <b>Acceptance Range</b> |        |          |  |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 68.3 %        |      |       | 30-120                  |        |          |  |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 63.2 %        |      |       | 30-120                  |        |          |  |                    |                    |         |

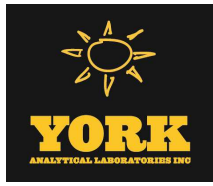
**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter    | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|--------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 12674-11-2 | Aroclor 1016 | ND     |      | mg/kg dry | 0.0206          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:31   | NF      |



## Sample Information

**Client Sample ID:** WC-3

**York Sample ID:** 24D1795-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag                    | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|-------------------------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 11104-28-2                  | Aroclor 1221                    | ND            |                         | mg/kg dry | 0.0206          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:31   | NF      |
| 11141-16-5                  | Aroclor 1232                    | ND            |                         | mg/kg dry | 0.0206          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:31   | NF      |
| 53469-21-9                  | Aroclor 1242                    | ND            |                         | mg/kg dry | 0.0206          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:31   | NF      |
| 12672-29-6                  | Aroclor 1248                    | ND            |                         | mg/kg dry | 0.0206          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:31   | NF      |
| 11097-69-1                  | Aroclor 1254                    | ND            |                         | mg/kg dry | 0.0206          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:31   | NF      |
| 11096-82-5                  | Aroclor 1260                    | ND            |                         | mg/kg dry | 0.0206          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:31   | NF      |
| 37324-23-5                  | Aroclor 1262                    | ND            |                         | mg/kg dry | 0.0206          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 02:31   | NF      |
| 11100-14-4                  | Aroclor 1268                    | ND            |                         | mg/kg dry | 0.0206          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 02:31   | NF      |
| 1336-36-3                   | * Total PCBs                    | ND            |                         | mg/kg dry | 0.0206          | 1        | EPA 8082A<br>Certifications:  | 04/27/2024 07:18   | 04/29/2024 02:31   | NF      |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 80.0 %        | 30-140                  |           |                 |          |   |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 81.5 %        | 30-140                  |           |                 |          |   |                    |                    |         |

**Herbicides, Target List**

**Log-in Notes:**

**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            |                         | ug/kg dry | 24.7            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 22:08   | BCJ     |
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/kg dry | 24.7            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 22:08   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/kg dry | 24.7            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 22:08   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 81.2 %        | 21-150                  |           |                 |          |   |                    |                    |         |

**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| CAS No.                     | Parameter         | Result        | Flag                    | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|-------------------|---------------|-------------------------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 93-72-1                     | 2,4,5-TP (Silvex) | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 07:32   | BCJ     |
| 94-75-7                     | 2,4-D             | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 07:32   | BCJ     |
| <b>Surrogate Recoveries</b> |                   | <b>Result</b> | <b>Acceptance Range</b> |       |                 |          |  |                    |                    |         |



### Sample Information

**Client Sample ID:** WC-3

**York Sample ID:** 24D1795-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| 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 (DCAA) | 69.8 % |      |       | 10-150          |          |                  |                    |                    |         |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

**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 |
|-----------|-------------------------------|---------------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
|           | * Total EPH                   | ND            |      | mg/kg dry | 61.3            | 1        | NJDEP EPH Rev 3.0<br>Certifications: NJDEP-CT005 | 04/29/2024 08:23   | 04/30/2024 12:12   | GXB     |
|           | <b>Surrogate Recoveries</b>   | <b>Result</b> |      |           |                 |          | <b>Acceptance Range</b>                          |                    |                    |         |
| 3386-33-2 | Surrogate: 1-Chlorooctadecane | 62.5 %        |      |           |                 |          | 31.6-128   |                    |                    |         |
| 84-15-1   | Surrogate: o-Terphenyl        | 63.5 %        |      |           |                 |          | 28.7-124   |                    |                    |         |

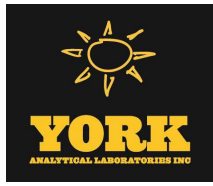
**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 3570   |      | mg/kg dry | 5.16            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7440-36-0 | Antimony  | ND     |      | mg/kg dry | 2.58            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7440-38-2 | Arsenic   | 1.77   |      | mg/kg dry | 1.55            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7440-39-3 | Barium    | 21.1   |      | mg/kg dry | 2.58            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7440-41-7 | Beryllium | ND     |      | mg/kg dry | 0.052           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7440-43-9 | Cadmium   | 0.432  |      | mg/kg dry | 0.310           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7440-70-2 | Calcium   | 521    |      | mg/kg dry | 5.16            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7440-47-3 | Chromium  | 8.50   |      | mg/kg dry | 0.517           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7440-48-4 | Cobalt    | 3.60   |      | mg/kg dry | 0.413           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7440-50-8 | Copper    | 11.4   |      | mg/kg dry | 2.07            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7439-89-6 | Iron      | 4820   |      | mg/kg dry | 25.8            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7439-92-1 | Lead      | 6.71   |      | mg/kg dry | 0.517           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |



### Sample Information

**Client Sample ID:** WC-3

**York Sample ID:** 24D1795-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag          | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|---------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7439-95-4 | Magnesium | 1350   |               | mg/kg dry | 5.17            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7439-96-5 | Manganese | 48.5   |               | mg/kg dry | 0.517           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7440-02-0 | Nickel    | 22.0   |               | mg/kg dry | 1.03            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7440-09-7 | Potassium | 729    | M-CCV<br>I, B | mg/kg dry | 5.17            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7782-49-2 | Selenium  | ND     |               | mg/kg dry | 2.58            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7440-22-4 | Silver    | ND     |               | mg/kg dry | 0.520           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7440-23-5 | Sodium    | 385    |               | mg/kg dry | 51.6            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7440-62-2 | Vanadium  | 10.2   |               | mg/kg dry | 1.03            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |
| 7440-66-6 | Zinc      | 87.2   |               | mg/kg dry | 2.57            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:08   | AGNR    |

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-38-2 | Arsenic   | ND     |      | mg/L  | 0.375           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:53   | AGNR    |
| 7440-39-3 | Barium    | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:53   | AGNR    |
| 7440-43-9 | Cadmium   | ND     |      | mg/L  | 0.075           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:53   | AGNR    |
| 7440-47-3 | Chromium  | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:53   | AGNR    |
| 7439-92-1 | Lead      | 0.300  |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:53   | AGNR    |
| 7782-49-2 | Selenium  | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:53   | AGNR    |
| 7440-22-4 | Silver    | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 12:53   | AGNR    |

**Thallium by EPA 6020**

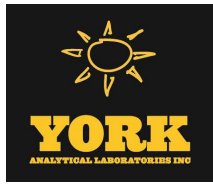
**Log-in Notes:**

**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 |
|-----------|-----------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 0.103           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/30/2024 08:56   | 05/01/2024 11:59   | AJL     |





### Sample Information

**Client Sample ID:** WC-3

**York Sample ID:** 24D1795-05

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**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   | ND     |      | mg/kg dry | 0.0372          | 1        | EPA 7473<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044 | 05/01/2024 09:05   | 05/01/2024 16:18   | DRS     |

**Mercury, TCLP**

**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  | 0.000200        | 1        | EPA 7470/1311<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108 | 05/01/2024 08:13   | 05/01/2024 08:13   | PFA     |

**Chloride, SPLP**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 300/1312

| CAS No.    | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 16887-00-6 | Chloride  | 19.8   |      | mg/L  | 0.500           | 1        | EPA 300.0<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005 | 05/02/2024 12:46   | 05/02/2024 12:46   | NJO     |

**Chromium, Hexavalent**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

| CAS No.    | Parameter            | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|----------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 18540-29-9 | Chromium, Hexavalent | ND     |      | mg/kg dry | 0.620           | 1        | EPA 7196A<br>Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044 | 05/01/2024 11:15   | 05/01/2024 16:49   | JAMT    |

**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 |
|---------|-----------|--------|------|----------|-----------------|----------|---|--------------------|--------------------|---------|
|         | pH        | 7.93   |      | pH units | 0.500           | 1        | EPA 9045D<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

| CAS No. | Parameter      | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|----------------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 57-12-5 | Cyanide, total | ND     |      | mg/kg dry | 0.620           | 1        | EPA 9014/9010C<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 05/01/2024 07:12   | 05/01/2024 13:07   | PMB     |

**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/kg | 0.250           | 1        | EPA SW-846 Ch.7,3.3<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:52   | 04/29/2024 23:31   | SL      |



### Sample Information

**Client Sample ID:** WC-3

**York Sample ID:** 24D1795-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**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 |           | 64.0   |      | mg/kg | 15.0            | 1        | EPA SW-846 Ch.7.3.4 | 04/29/2024 14:54             | 04/29/2024 23:39   | 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 |           | 23.5   |      | °C    | 1.00            | 1        | EPA 170.1        | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |
|               |           |        |      |       |                 |          | Certifications:  |                    |                    |         |

**Ignitability**

**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 |
|----------------|-----------|------------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
| * Ignitability |           | Non-Ignit. |      | None  | 1               | 1        | EPA 1030P        | 04/28/2024 06:49   | 04/28/2024 07:35   | CAM2    |
|                |           |            |      |       |                 |          | Certifications:  |                    |                    |         |

**Paint Filter Test**

**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 |
|-------------------|-----------|----------------|------|-------|-----------------|----------|------------------|---------------------------|--------------------|---------|
| Paint Filter Test |           | No Free Liquid |      | None  | 0.05            | 1        | EPA 9095B        | 04/29/2024 07:50          | 04/29/2024 08:03   | TCD     |
|                   |           |                |      |       |                 |          | Certifications:  | NELAC-NY10854,NJDEP-CT005 |                    |         |

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter  | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
| solids  | * % Solids | 80.7   |      | %     | 0.100           | 1        | SM 2540G         | 04/29/2024 12:55   | 04/29/2024 14:51   | HLY     |
|         |            |        |      |       |                 |          | Certifications:  | CTDOH-PH-0723      |                    |         |

**SPLP Extraction for WET CHEM EPA 1312**

**Log-in Notes:**

**Sample Notes:** EXT-Temp, WTCLP\_AMT

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

| CAS No.         | Parameter | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                   | Date/Time Analyzed | Analyst |
|-----------------|-----------|-----------|------|-------|-----------------|----------|------------------|--|--------------------|---------|
| SPLP Extraction |           | Completed |      | N/A   | 1.00            | 1        | EPA 1312         | 05/01/2024 16:09                                     | 05/02/2024 11:04   | CAM2    |
|                 |           |           |      |       |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |         |

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

| CAS No.         | Parameter | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                   | Date/Time Analyzed | Analyst |
|-----------------|-----------|-----------|------|-------|-----------------|----------|------------------|--|--------------------|---------|
| TCLP Extraction |           | Completed |      | N/A   | 1.00            | 1        | EPA 1311         | 04/27/2024 14:50                                     | 04/28/2024 11:08   | CAM2    |
|                 |           |           |      |       |                 |          | Certifications:  | NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 |                    |         |



Sample Information

Client Sample ID: WC-3

York Sample ID: 24D1795-05

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Values: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:54, 04/28/2024 11:15, CAM2

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Values: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:58, 04/28/2024 11:12, CAM2

Sample Information

Client Sample ID: WC-3 (g)

York Sample ID: 24D1795-06

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Lists various organic compounds like 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc.



### Sample Information

**Client Sample ID:** WC-3 (g)

**York Sample ID:** 24D1795-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

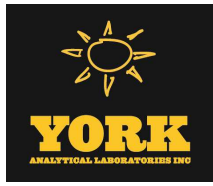
**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter                   | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 96-12-8  | 1,2-Dibromo-3-chloropropane | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 106-93-4 | 1,2-Dibromoethane           | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene         | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 107-06-2 | 1,2-Dichloroethane          | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 78-87-5  | 1,2-Dichloropropane         | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene      | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene         | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene         | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 123-91-1 | 1,4-Dioxane                 | ND     |      | ug/kg dry | 51                  | 100 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 78-93-3  | 2-Butanone                  | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 591-78-6 | 2-Hexanone                  | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone        | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 67-64-1  | Acetone                     | ND     | ICVE | ug/kg dry | 5.1                 | 10  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 107-02-8 | Acrolein                    | ND     |      | ug/kg dry | 5.1                 | 10  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 107-13-1 | Acrylonitrile               | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 71-43-2  | Benzene                     | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 74-97-5  | Bromochloromethane          | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 75-27-4  | Bromodichloromethane        | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 75-25-2  | Bromoform                   | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 74-83-9  | Bromomethane                | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 75-15-0  | Carbon disulfide            | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 56-23-5  | Carbon tetrachloride        | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 108-90-7 | Chlorobenzene               | ND     |      | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |



### Sample Information

**Client Sample ID:** WC-3 (g)

**York Sample ID:** 24D1795-06

York Project (SDG) No.  
24D1795

Client Project ID  
Four Sparrows

Matrix  
Soil

Collection Date/Time  
April 26, 2024 11:19 am

Date Received  
04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.     | Parameter                      | Result | Flag  | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-------------|--------------------------------|--------|-------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-00-3     | Chloroethane                   | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 67-66-3     | Chloroform                     | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 74-87-3     | Chloromethane                  | ND     | CCVE  | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 156-59-2    | cis-1,2-Dichloroethylene       | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 10061-01-5  | cis-1,3-Dichloropropylene      | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 110-82-7    | Cyclohexane                    | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 124-48-1    | Dibromochloromethane           | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 74-95-3     | Dibromomethane                 | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 75-71-8     | Dichlorodifluoromethane        | ND     | CCVE  | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 100-41-4    | Ethyl Benzene                  | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 87-68-3     | Hexachlorobutadiene            | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 98-82-8     | Isopropylbenzene               | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 79-20-9     | Methyl acetate                 | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 108-87-2    | Methylcyclohexane              | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 75-09-2     | Methylene chloride             | ND     |       | ug/kg dry | 5.1                 | 10  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 104-51-8    | n-Butylbenzene                 | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 103-65-1    | n-Propylbenzene                | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 95-47-6     | o-Xylene                       | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 179601-23-1 | p- & m- Xylenes                | ND     | QL-02 | ug/kg dry | 5.1                 | 10  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 99-87-6     | p-Isopropyltoluene             | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 135-98-8    | sec-Butylbenzene               | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 100-42-5    | Styrene                        | ND     |       | ug/kg dry | 2.5                 | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |



### Sample Information

**Client Sample ID:** WC-3 (g)

**York Sample ID:** 24D1795-06

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.                     | Parameter                                     | Result        | Flag                    | Units     | Reported to LOD/MDL     | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------------------------|-----------|-------------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-65-0                     | tert-Butyl alcohol (TBA)                      | ND            |                         | ug/kg dry | 2.5                     | 5.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 98-06-6                     | tert-Butylbenzene                             | ND            |                         | ug/kg dry | 2.5                     | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 127-18-4                    | Tetrachloroethylene                           | ND            | CCVE,<br>ICVE,<br>QL-02 | ug/kg dry | 2.5                     | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 108-88-3                    | Toluene                                       | ND            |                         | ug/kg dry | 2.5                     | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 156-60-5                    | trans-1,2-Dichloroethylene                    | ND            |                         | ug/kg dry | 2.5                     | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 10061-02-6                  | trans-1,3-Dichloropropylene                   | ND            |                         | ug/kg dry | 2.5                     | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 110-57-6                    | * trans-1,4-dichloro-2-butene                 | ND            |                         | ug/kg dry | 2.5                     | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 79-01-6                     | Trichloroethylene                             | ND            |                         | ug/kg dry | 2.5                     | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 75-69-4                     | Trichlorofluoromethane                        | ND            |                         | ug/kg dry | 2.5                     | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 75-01-4                     | Vinyl Chloride                                | ND            |                         | ug/kg dry | 2.5                     | 5.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| 1330-20-7                   | Xylenes, Total                                | ND            |                         | ug/kg dry | 7.6                     | 15  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:10   | BMT     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> |                         |           | <b>Acceptance Range</b> |     |          |  |                    |                    |         |
| 17060-07-0                  | Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i> | 99.4 %        |                         |           | 77-125                  |     |          |  |                    |                    |         |
| 2037-26-5                   | Surrogate: <i>SURR: Toluene-d8</i>            | 97.8 %        |                         |           | 85-120                  |     |          |  |                    |                    |         |
| 460-00-4                    | Surrogate: <i>SURR: p-Bromofluorobenzene</i>  | 103 %         |                         |           | 76-130                  |     |          |  |                    |                    |         |

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

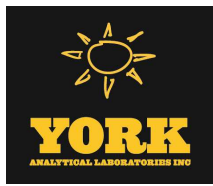
| CAS No. | Parameter  | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method                          | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------|--------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| solids  | * % Solids | 82.5   |      | %     | 0.100           | 1        | SM 2540G<br>Certifications: CTDOH-PH-0723 | 04/29/2024 12:55   | 04/29/2024 14:51   | HLY     |

### Sample Information

**Client Sample ID:** WC-4

**York Sample ID:** 24D1795-07

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|



### Sample Information

**Client Sample ID:** WC-4

**York Sample ID:** 24D1795-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

| CAS No.  | Parameter            | Result | Flag  | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|----------------------|--------|-------|-------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-35-4  | 1,1-Dichloroethylene | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:22   | BMT     |
| 107-06-2 | 1,2-Dichloroethane   | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:22   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene  | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:22   | BMT     |
| 78-93-3  | 2-Butanone           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:22   | BMT     |
| 71-43-2  | Benzene              | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:22   | BMT     |
| 56-23-5  | Carbon tetrachloride | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:22   | BMT     |
| 108-90-7 | Chlorobenzene        | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:22   | BMT     |
| 67-66-3  | Chloroform           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:22   | BMT     |
| 127-18-4 | Tetrachloroethylene  | ND     | QL-02 | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:22   | BMT     |
| 79-01-6  | Trichloroethylene    | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:22   | BMT     |
| 75-01-4  | Vinyl Chloride       | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:22   | BMT     |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|            |   |       |          |
|------------|---|-------|----------|
| 17060-07-0 | Surrogate: <i>SURR:</i><br><i>1,2-Dichloroethane-d4</i> | 103 % | 77-125   |
| 460-00-4   | Surrogate: <i>SURR:</i><br><i>p-Bromofluorobenzene</i>  | 106 % | 84.2-124 |
| 2037-26-5  | Surrogate: <i>SURR:</i> <i>Toluene-d8</i>               | 103 % | 85-120   |

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                             | Result | Flag | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---------------------------------------|--------|------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-52-4  | 1,1-Biphenyl                          | ND     |      | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440               | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND     | CCVE | ug/kg dry | 49.7                | 99.2 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440               | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND     | CCVE | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND     |      | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                           | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |      | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440               | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                   | ND     |      | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                           | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |



### Sample Information

**Client Sample ID:** WC-4

**York Sample ID:** 24D1795-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                   | Result | Flag        | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------------|--------|-------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 106-46-7   | 1,4-Dichlorobenzene         | ND     |             | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol   | ND     | CCVE        | ug/kg dry | 49.7                | 99.2 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND     |             | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND     |             | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 120-83-2   | 2,4-Dichlorophenol          | ND     |             | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 105-67-9   | 2,4-Dimethylphenol          | ND     | ICVE        | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 51-28-5    | 2,4-Dinitrophenol           | ND     | CAL-E       | ug/kg dry | 49.7                | 99.2 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene          | ND     |             | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 606-20-2   | 2,6-Dinitrotoluene          | ND     |             | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 91-58-7    | 2-Chloronaphthalene         | ND     |             | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 95-57-8    | 2-Chlorophenol              | ND     |             | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 91-57-6    | 2-Methylnaphthalene         | ND     |             | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 95-48-7    | 2-Methylphenol              | ND     |             | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 88-74-4    | 2-Nitroaniline              | ND     |             | ug/kg dry | 49.7                | 99.2 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 88-75-5    | 2-Nitrophenol               | ND     |             | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols        | ND     | CAL-E       | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |             | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 99-09-2    | 3-Nitroaniline              | ND     |             | ug/kg dry | 49.7                | 99.2 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     | CAL-E, CCVE | ug/kg dry | 49.7                | 99.2 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     | CCVE        | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |             | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 106-47-8   | 4-Chloroaniline             | ND     |             | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |             | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |





Sample Information

Client Sample ID: WC-4

York Sample ID: 24D1795-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 4-Nitroaniline, 4-Nitrophenol, Acenaphthene, Acenaphthylene, Acetophenone, Aniline, Anthracene, Atrazine, Benzaldehyde, Benzidine, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Benzoic acid, Benzyl alcohol, Benzyl butyl phthalate, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, Caprolactam.



### Sample Information

**Client Sample ID:** WC-4

**York Sample ID:** 24D1795-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                  | Result | Flag          | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|----------------------------|--------|---------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 86-74-8  | Carbazole                  | ND     |               | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 218-01-9 | Chrysene                   | ND     | CCVE          | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     |               | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 132-64-9 | Dibenzofuran               | ND     |               | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 84-66-2  | Diethyl phthalate          | ND     |               | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 131-11-3 | Dimethyl phthalate         | ND     |               | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 84-74-2  | Di-n-butyl phthalate       | ND     |               | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 117-84-0 | Di-n-octyl phthalate       | ND     | CAL-E         | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 122-39-4 | * Diphenylamine            | ND     |               | ug/kg dry | 49.7                | 99.2 | 1        | EPA 8270E<br>Certifications:  | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 206-44-0 | Fluoranthene               | ND     |               | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 86-73-7  | Fluorene                   | ND     |               | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 118-74-1 | Hexachlorobenzene          | ND     |               | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 87-68-3  | Hexachlorobutadiene        | ND     | CCVE          | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 77-47-4  | Hexachlorocyclopentadiene  | ND     | CCVE,<br>ICVE | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 67-72-1  | Hexachloroethane           | ND     |               | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     |               | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 78-59-1  | Isophorone                 | ND     |               | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 91-20-3  | Naphthalene                | ND     |               | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 98-95-3  | Nitrobenzene               | ND     |               | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     | CAL-E         | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 621-64-7 | N-nitroso-di-n-propylamine | ND     |               | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 86-30-6  | N-Nitrosodiphenylamine     | ND     | CCVE          | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |
| 87-86-5  | Pentachlorophenol          | ND     | CCVE          | ug/kg dry | 24.9                | 49.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 18:19   | SS      |



Sample Information

Client Sample ID: WC-4

York Sample ID: 24D1795-07

York Project (SDG) No. 24D1795

Client Project ID Four Sparrows

Matrix Soil

Collection Date/Time April 26, 2024 11:19 am

Date Received 04/26/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Phenanthrene, Phenol, Pyrene, and Surrogate Recoveries.

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for 1,4-Dichlorobenzene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, etc.



### Sample Information

**Client Sample ID:** WC-4

**York Sample ID:** 24D1795-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C/1311

| 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       | 20.7 % |      |       | 10-90.9             |     |          |                  |                    |                    |         |
| 13127-88-3 | Surrogate: SURR: Phenol-d6            | 28.8 % |      |       | 10-69.2             |     |          |                  |                    |                    |         |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5      | 90.0 % |      |       | 19.2-141            |     |          |                  |                    |                    |         |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl     | 64.1 % |      |       | 24.8-127            |     |          |                  |                    |                    |         |
| 118-79-6   | Surrogate: SURR: 2,4,6-Tribromophenol | 75.3 % |      |       | 23-163              |     |          |                  |                    |                    |         |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14        | 73.1 % |      |       | 25.8-110            |     |          |                  |                    |                    |         |

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter          | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|--------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 72-54-8    | 4,4'-DDD           | ND     |      | ug/kg dry | 1.98            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 72-55-9    | 4,4'-DDE           | ND     |      | ug/kg dry | 1.98            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 50-29-3    | 4,4'-DDT           | ND     |      | ug/kg dry | 1.98            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 309-00-2   | Aldrin             | ND     |      | ug/kg dry | 1.98            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 319-84-6   | alpha-BHC          | ND     |      | ug/kg dry | 1.98            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 5103-71-9  | alpha-Chlordane    | ND     |      | ug/kg dry | 1.98            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 319-85-7   | beta-BHC           | ND     |      | ug/kg dry | 1.98            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 57-74-9    | Chlordane, total   | ND     |      | ug/kg dry | 39.7            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 319-86-8   | delta-BHC          | ND     |      | ug/kg dry | 1.98            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 60-57-1    | Dieldrin           | ND     |      | ug/kg dry | 1.98            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 959-98-8   | Endosulfan I       | ND     |      | ug/kg dry | 1.98            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 33213-65-9 | Endosulfan II      | ND     |      | ug/kg dry | 1.98            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 1031-07-8  | Endosulfan sulfate | ND     |      | ug/kg dry | 1.98            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 72-20-8    | Endrin             | ND     |      | ug/kg dry | 1.98            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 7421-93-4  | Endrin aldehyde    | ND     |      | ug/kg dry | 1.98            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 53494-70-5 | Endrin ketone      | ND     |      | ug/kg dry | 1.98            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |



### Sample Information

**Client Sample ID:** WC-4

**York Sample ID:** 24D1795-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag | Units     | Reported to LOQ         | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-----------|-------------------------|----------|---|--------------------|--------------------|---------|
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/kg dry | 1.98                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 5566-34-7                   | gamma-Chlordane                 | ND            |      | ug/kg dry | 1.98                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/kg dry | 1.98                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/kg dry | 1.98                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/kg dry | 1.98                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/kg dry | 1.98                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:34   | TAH     |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |   |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 106 %         |      |           | 30-150                  |          |   |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 88.3 %        |      |           | 30-150                  |          |   |                    |                    |         |

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3535A/1312

| CAS No.                     | Parameter                       | Result        | Flag | Units | Reported to LOD/MDL     | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-------|-------------------------|--------|----------|--|--------------------|--------------------|---------|
| 57-74-9                     | <b>Chlordane, total</b>         | <b>0.460</b>  |      | ug/L  | 0.222                   | 0.222  | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:26   | TAH     |
| 72-20-8                     | Endrin                          | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:26   | TAH     |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:26   | TAH     |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:26   | TAH     |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:26   | TAH     |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:26   | TAH     |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/L  | 1.11                    | 1.11   | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:26   | TAH     |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |       | <b>Acceptance Range</b> |        |          |  |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 50.7 %        |      |       | 30-120                  |        |          |  |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 46.9 %        |      |       | 30-120                  |        |          |  |                    |                    |         |

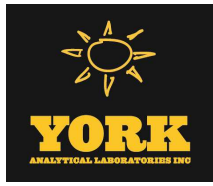
**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter    | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|--------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 12674-11-2 | Aroclor 1016 | ND     |      | mg/kg dry | 0.0200          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:44   | NF      |



### Sample Information

**Client Sample ID:** WC-4

**York Sample ID:** 24D1795-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag                    | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|-------------------------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 11104-28-2                  | Aroclor 1221                    | ND            |                         | mg/kg dry | 0.0200          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:44   | NF      |
| 11141-16-5                  | Aroclor 1232                    | ND            |                         | mg/kg dry | 0.0200          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:44   | NF      |
| 53469-21-9                  | Aroclor 1242                    | ND            |                         | mg/kg dry | 0.0200          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:44   | NF      |
| 12672-29-6                  | Aroclor 1248                    | ND            |                         | mg/kg dry | 0.0200          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:44   | NF      |
| 11097-69-1                  | Aroclor 1254                    | ND            |                         | mg/kg dry | 0.0200          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:44   | NF      |
| 11096-82-5                  | Aroclor 1260                    | ND            |                         | mg/kg dry | 0.0200          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:44   | NF      |
| 37324-23-5                  | Aroclor 1262                    | ND            |                         | mg/kg dry | 0.0200          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 02:44   | NF      |
| 11100-14-4                  | Aroclor 1268                    | ND            |                         | mg/kg dry | 0.0200          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 02:44   | NF      |
| 1336-36-3                   | * Total PCBs                    | ND            |                         | mg/kg dry | 0.0200          | 1        | EPA 8082A<br>Certifications:  | 04/27/2024 07:18   | 04/29/2024 02:44   | NF      |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 82.0 %        | 30-140                  |           |                 |          |   |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 89.0 %        | 30-140                  |           |                 |          |   |                    |                    |         |

**Herbicides, Target List**

**Log-in Notes:**

**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            |                         | ug/kg dry | 24.1            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 22:18   | BCJ     |
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/kg dry | 24.1            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 22:18   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/kg dry | 24.1            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 22:18   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 89.8 %        | 21-150                  |           |                 |          |   |                    |                    |         |

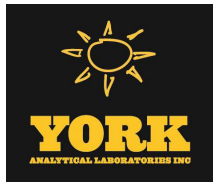
**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| CAS No.                     | Parameter         | Result        | Flag                    | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|-------------------|---------------|-------------------------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 93-72-1                     | 2,4,5-TP (Silvex) | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 07:43   | BCJ     |
| 94-75-7                     | 2,4-D             | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 07:43   | BCJ     |
| <b>Surrogate Recoveries</b> |                   | <b>Result</b> | <b>Acceptance Range</b> |       |                 |          |  |                    |                    |         |



### Sample Information

**Client Sample ID:** WC-4

**York Sample ID:** 24D1795-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| 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 (DCAA) | 76.4 % |      |       | 10-150          |          |                  |                    |                    |         |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

**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 |
|-----------|-------------------------------|---------------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
|           | * Total EPH                   | ND            |      | mg/kg dry | 59.7            | 1        | NJDEP EPH Rev 3.0<br>Certifications: NJDEP-CT005 | 04/29/2024 08:23   | 04/30/2024 12:43   | GXB     |
|           | <b>Surrogate Recoveries</b>   | <b>Result</b> |      |           |                 |          | <b>Acceptance Range</b>                          |                    |                    |         |
| 3386-33-2 | Surrogate: 1-Chlorooctadecane | 84.4 %        |      |           |                 |          | 31.6-128   |                    |                    |         |
| 84-15-1   | Surrogate: o-Terphenyl        | 81.8 %        |      |           |                 |          | 28.7-124   |                    |                    |         |

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 2930   |      | mg/kg dry | 5.03            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:11   | AGNR    |
| 7440-36-0 | Antimony  | ND     |      | mg/kg dry | 2.51            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:11   | AGNR    |
| 7440-38-2 | Arsenic   | 2.27   |      | mg/kg dry | 1.51            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:11   | AGNR    |
| 7440-39-3 | Barium    | 11.5   |      | mg/kg dry | 2.51            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:11   | AGNR    |
| 7440-41-7 | Beryllium | ND     |      | mg/kg dry | 0.051           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:11   | AGNR    |
| 7440-43-9 | Cadmium   | 0.441  |      | mg/kg dry | 0.302           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:11   | AGNR    |
| 7440-70-2 | Calcium   | 1050   |      | mg/kg dry | 5.03            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:11   | AGNR    |
| 7440-47-3 | Chromium  | 8.59   |      | mg/kg dry | 0.503           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:11   | AGNR    |
| 7440-48-4 | Cobalt    | 3.23   |      | mg/kg dry | 0.402           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:11   | AGNR    |
| 7440-50-8 | Copper    | 20.2   |      | mg/kg dry | 2.01            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:11   | AGNR    |
| 7439-89-6 | Iron      | 5680   |      | mg/kg dry | 25.1            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:11   | AGNR    |
| 7439-92-1 | Lead      | 18.7   |      | mg/kg dry | 0.503           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:11   | AGNR    |



Sample Information

Client Sample ID: WC-4

York Sample ID: 24D1795-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Vanadium, and Zinc.

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, and Silver.

Thallium by EPA 6020

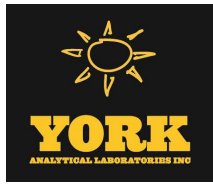
Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Thallium.





### Sample Information

**Client Sample ID:** WC-4

**York Sample ID:** 24D1795-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**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   | ND     |      | mg/kg dry | 0.0362          | 1        | EPA 7473<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044 | 05/01/2024 09:05   | 05/01/2024 16:18   | DRS     |

**Mercury, TCLP**

**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  | 0.000200        | 1        | EPA 7470/1311<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108 | 05/01/2024 08:13   | 05/01/2024 08:13   | PFA     |

**Chloride, SPLP**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 300/1312

| CAS No.    | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 16887-00-6 | Chloride  | 50.0   |      | mg/L  | 5.00            | 10       | EPA 300.0<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005 | 05/02/2024 14:09   | 05/02/2024 14:09   | NJO     |

**Chromium, Hexavalent**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

| CAS No.    | Parameter            | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|----------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 18540-29-9 | Chromium, Hexavalent | ND     |      | mg/kg dry | 0.603           | 1        | EPA 7196A<br>Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044 | 05/01/2024 11:15   | 05/01/2024 16:49   | JAMT    |

**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 |
|---------|-----------|--------|------|----------|-----------------|----------|---|--------------------|--------------------|---------|
|         | pH        | 7.07   |      | pH units | 0.500           | 1        | EPA 9045D<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

| CAS No. | Parameter      | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|----------------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 57-12-5 | Cyanide, total | ND     |      | mg/kg dry | 0.603           | 1        | EPA 9014/9010C<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 05/01/2024 07:12   | 05/01/2024 13:07   | PMB     |

**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/kg | 0.250           | 1        | EPA SW-846 Ch.7,3.3<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:52   | 04/29/2024 23:31   | SL      |



### Sample Information

**Client Sample ID:** WC-4

**York Sample ID:** 24D1795-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**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 |           | 32.0   |      | mg/kg | 15.0            | 1        | EPA SW-846 Ch.7.3.4 | 04/29/2024 14:54             | 04/29/2024 23:39   | 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 |           | 23.5   |      | °C    | 1.00            | 1        | EPA 170.1        | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |
|               |           |        |      |       |                 |          | Certifications:  |                    |                    |         |

**Ignitability**

**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 |
|----------------|-----------|------------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
| * Ignitability |           | Non-Ignit. |      | None  | 1               | 1        | EPA 1030P        | 04/28/2024 06:49   | 04/28/2024 07:35   | CAM2    |
|                |           |            |      |       |                 |          | Certifications:  |                    |                    |         |

**Paint Filter Test**

**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 |
|-------------------|-----------|----------------|------|-------|-----------------|----------|------------------|---------------------------|--------------------|---------|
| Paint Filter Test |           | No Free Liquid |      | None  | 0.05            | 1        | EPA 9095B        | 04/29/2024 07:50          | 04/29/2024 08:03   | TCD     |
|                   |           |                |      |       |                 |          | Certifications:  | NELAC-NY10854,NJDEP-CT005 |                    |         |

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter  | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
| solids  | * % Solids | 82.9   |      | %     | 0.100           | 1        | SM 2540G         | 04/29/2024 12:55   | 04/29/2024 14:51   | HLY     |
|         |            |        |      |       |                 |          | Certifications:  | CTDOH-PH-0723      |                    |         |

**SPLP Extraction for WET CHEM EPA 1312**

**Log-in Notes:**

**Sample Notes:** EXT-Temp, WTCLP\_AMT

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

| CAS No.         | Parameter | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                   | Date/Time Analyzed | Analyst |
|-----------------|-----------|-----------|------|-------|-----------------|----------|------------------|--|--------------------|---------|
| SPLP Extraction |           | Completed |      | N/A   | 1.00            | 1        | EPA 1312         | 05/01/2024 16:09                                     | 05/02/2024 11:04   | CAM2    |
|                 |           |           |      |       |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |         |

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

| CAS No.         | Parameter | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                   | Date/Time Analyzed | Analyst |
|-----------------|-----------|-----------|------|-------|-----------------|----------|------------------|--|--------------------|---------|
| TCLP Extraction |           | Completed |      | N/A   | 1.00            | 1        | EPA 1311         | 04/27/2024 14:50                                     | 04/28/2024 11:08   | CAM2    |
|                 |           |           |      |       |                 |          | Certifications:  | NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 |                    |         |



### Sample Information

**Client Sample ID:** WC-4

**York Sample ID:** 24D1795-07

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**TCLP Extraction for SVOCS/PEST/HERB**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

| CAS No.         | Parameter | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------|-----------|-----------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| TCLP Extraction |           | Completed |      | N/A   | 1.00            | 1        | EPA 1311<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04 | 04/27/2024 14:54   | 04/28/2024 11:15   | CAM2    |

**TCLP Extraction for VOA by EPA 1311 ZHE**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

| CAS No.         | Parameter | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------|-----------|-----------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| TCLP Extraction |           | Completed |      | N/A   | 1.00            | 1        | EPA 1311<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04 | 04/27/2024 14:58   | 04/28/2024 11:12   | CAM2    |

### Sample Information

**Client Sample ID:** WC-4 (g)

**York Sample ID:** 24D1795-08

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter   | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |



### Sample Information

**Client Sample ID:** WC-4 (g)

**York Sample ID:** 24D1795-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter                   | Result     | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------|------------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 96-12-8  | 1,2-Dibromo-3-chloropropane | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 106-93-4 | 1,2-Dibromoethane           | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene         | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 107-06-2 | 1,2-Dichloroethane          | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 78-87-5  | 1,2-Dichloropropane         | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene      | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene         | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene         | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 123-91-1 | 1,4-Dioxane                 | ND         |      | ug/kg dry | 52                  | 100 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 78-93-3  | 2-Butanone                  | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 591-78-6 | 2-Hexanone                  | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone        | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 67-64-1  | Acetone                     | ND         | ICVE | ug/kg dry | 5.2                 | 10  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 107-02-8 | Acrolein                    | ND         |      | ug/kg dry | 5.2                 | 10  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 107-13-1 | Acrylonitrile               | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 71-43-2  | Benzene                     | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 74-97-5  | Bromochloromethane          | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 75-27-4  | Bromodichloromethane        | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 75-25-2  | Bromoform                   | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 74-83-9  | Bromomethane                | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 75-15-0  | <b>Carbon disulfide</b>     | <b>2.8</b> | J    | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 56-23-5  | Carbon tetrachloride        | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 108-90-7 | Chlorobenzene               | ND         |      | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |



### Sample Information

**Client Sample ID:** WC-4 (g)

**York Sample ID:** 24D1795-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.     | Parameter                      | Result | Flag  | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-------------|--------------------------------|--------|-------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-00-3     | Chloroethane                   | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 67-66-3     | Chloroform                     | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 74-87-3     | Chloromethane                  | ND     | CCVE  | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 156-59-2    | cis-1,2-Dichloroethylene       | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 10061-01-5  | cis-1,3-Dichloropropylene      | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 110-82-7    | Cyclohexane                    | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 124-48-1    | Dibromochloromethane           | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 74-95-3     | Dibromomethane                 | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 75-71-8     | Dichlorodifluoromethane        | ND     | CCVE  | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 100-41-4    | Ethyl Benzene                  | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 87-68-3     | Hexachlorobutadiene            | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 98-82-8     | Isopropylbenzene               | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 79-20-9     | Methyl acetate                 | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 108-87-2    | Methylcyclohexane              | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 75-09-2     | Methylene chloride             | ND     |       | ug/kg dry | 5.2                 | 10  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 104-51-8    | n-Butylbenzene                 | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 103-65-1    | n-Propylbenzene                | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 95-47-6     | o-Xylene                       | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 179601-23-1 | p- & m- Xylenes                | ND     | QL-02 | ug/kg dry | 5.2                 | 10  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 99-87-6     | p-Isopropyltoluene             | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 135-98-8    | sec-Butylbenzene               | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 100-42-5    | Styrene                        | ND     |       | ug/kg dry | 2.6                 | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |



### Sample Information

**Client Sample ID:** WC-4 (g)

**York Sample ID:** 24D1795-08

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.                     | Parameter                                     | Result        | Flag                    | Units     | Reported to LOD/MDL     | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------------------------|-----------|-------------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-65-0                     | tert-Butyl alcohol (TBA)                      | ND            |                         | ug/kg dry | 2.6                     | 5.2 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 98-06-6                     | tert-Butylbenzene                             | ND            |                         | ug/kg dry | 2.6                     | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 127-18-4                    | Tetrachloroethylene                           | ND            | CCVE,<br>ICVE,<br>QL-02 | ug/kg dry | 2.6                     | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 108-88-3                    | Toluene                                       | ND            |                         | ug/kg dry | 2.6                     | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 156-60-5                    | trans-1,2-Dichloroethylene                    | ND            |                         | ug/kg dry | 2.6                     | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 10061-02-6                  | trans-1,3-Dichloropropylene                   | ND            |                         | ug/kg dry | 2.6                     | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 110-57-6                    | * trans-1,4-dichloro-2-butene                 | ND            |                         | ug/kg dry | 2.6                     | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 79-01-6                     | Trichloroethylene                             | ND            |                         | ug/kg dry | 2.6                     | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 75-69-4                     | Trichlorofluoromethane                        | ND            |                         | ug/kg dry | 2.6                     | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 75-01-4                     | Vinyl Chloride                                | ND            |                         | ug/kg dry | 2.6                     | 5.2 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| 1330-20-7                   | Xylenes, Total                                | ND            |                         | ug/kg dry | 7.8                     | 16  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 11:36   | BMT     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> |                         |           | <b>Acceptance Range</b> |     |          |  |                    |                    |         |
| 17060-07-0                  | Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i> | 96.7 %        |                         |           | 77-125                  |     |          |  |                    |                    |         |
| 2037-26-5                   | Surrogate: <i>SURR: Toluene-d8</i>            | 96.8 %        |                         |           | 85-120                  |     |          |  |                    |                    |         |
| 460-00-4                    | Surrogate: <i>SURR: p-Bromofluorobenzene</i>  | 102 %         |                         |           | 76-130                  |     |          |  |                    |                    |         |

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

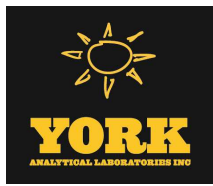
| CAS No. | Parameter  | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method                          | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------|--------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| solids  | * % Solids | 80.1   |      | %     | 0.100           | 1        | SM 2540G<br>Certifications: CTDOH-PH-0723 | 04/29/2024 12:55   | 04/29/2024 14:51   | HLY     |

### Sample Information

**Client Sample ID:** WC-5

**York Sample ID:** 24D1795-09

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|



### Sample Information

**Client Sample ID:** WC-5

**York Sample ID:** 24D1795-09

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

| CAS No.  | Parameter            | Result | Flag  | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|----------------------|--------|-------|-------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-35-4  | 1,1-Dichloroethylene | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:48   | BMT     |
| 107-06-2 | 1,2-Dichloroethane   | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:48   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene  | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:48   | BMT     |
| 78-93-3  | 2-Butanone           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:48   | BMT     |
| 71-43-2  | Benzene              | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:48   | BMT     |
| 56-23-5  | Carbon tetrachloride | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:48   | BMT     |
| 108-90-7 | Chlorobenzene        | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:48   | BMT     |
| 67-66-3  | Chloroform           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:48   | BMT     |
| 127-18-4 | Tetrachloroethylene  | ND     | QL-02 | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:48   | BMT     |
| 79-01-6  | Trichloroethylene    | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:48   | BMT     |
| 75-01-4  | Vinyl Chloride       | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 16:48   | BMT     |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|            |   |       |          |
|------------|---|-------|----------|
| 17060-07-0 | Surrogate: <i>SURR:</i><br><i>1,2-Dichloroethane-d4</i> | 103 % | 77-125   |
| 460-00-4   | Surrogate: <i>SURR:</i><br><i>p-Bromofluorobenzene</i>  | 108 % | 84.2-124 |
| 2037-26-5  | Surrogate: <i>SURR:</i> <i>Toluene-d8</i>               | 104 % | 85-120   |

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                             | Result      | Flag | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---------------------------------------|-------------|------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-52-4  | <b>1,1-Biphenyl</b>                   | <b>29.6</b> | J    | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND          | CCVE | ug/kg dry | 48.8                | 97.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND          | CCVE | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND          |      | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND          |      | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |



### Sample Information

**Client Sample ID:** WC-5

**York Sample ID:** 24D1795-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                       | Result      | Flag           | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------------|-------------|----------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 541-73-1   | 1,3-Dichlorobenzene             | ND          |                | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 106-46-7   | 1,4-Dichlorobenzene             | ND          |                | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol       | ND          | CCVE           | ug/kg dry | 48.8                | 97.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol           | ND          |                | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol           | ND          |                | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 120-83-2   | 2,4-Dichlorophenol              | ND          |                | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 105-67-9   | 2,4-Dimethylphenol              | ND          | ICVE           | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 51-28-5    | 2,4-Dinitrophenol               | ND          | CAL-E          | ug/kg dry | 48.8                | 97.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene              | ND          |                | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 606-20-2   | 2,6-Dinitrotoluene              | ND          |                | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 91-58-7    | 2-Chloronaphthalene             | ND          |                | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 95-57-8    | 2-Chlorophenol                  | ND          |                | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 91-57-6    | <b>2-Methylnaphthalene</b>      | <b>72.9</b> |                | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 95-48-7    | 2-Methylphenol                  | ND          |                | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 88-74-4    | 2-Nitroaniline                  | ND          |                | ug/kg dry | 48.8                | 97.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 88-75-5    | 2-Nitrophenol                   | ND          |                | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 65794-96-9 | <b>3- &amp; 4-Methylphenols</b> | <b>28.1</b> | J,<br>CAL-E    | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 91-94-1    | 3,3-Dichlorobenzidine           | ND          |                | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 99-09-2    | 3-Nitroaniline                  | ND          |                | ug/kg dry | 48.8                | 97.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol      | ND          | CAL-E,<br>CCVE | ug/kg dry | 48.8                | 97.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 101-55-3   | 4-Bromophenyl phenyl ether      | ND          | CCVE           | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 59-50-7    | 4-Chloro-3-methylphenol         | ND          |                | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 106-47-8   | 4-Chloroaniline                 | ND          |                | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |





### Sample Information

**Client Sample ID:** WC-5

**York Sample ID:** 24D1795-09

York Project (SDG) No.

Client Project ID

Matrix

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24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.   | Parameter                         | Result      | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------------------------------|-------------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 7005-72-3 | 4-Chlorophenyl phenyl ether       | ND          |       | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 100-01-6  | 4-Nitroaniline                    | ND          |       | ug/kg dry | 48.8                | 97.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 100-02-7  | 4-Nitrophenol                     | ND          |       | ug/kg dry | 48.8                | 97.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 83-32-9   | <b>Acenaphthene</b>               | <b>436</b>  |       | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 208-96-8  | <b>Acenaphthylene</b>             | <b>488</b>  |       | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 98-86-2   | Acetophenone                      | ND          |       | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 62-53-3   | Aniline                           | ND          | ICVE  | ug/kg dry | 97.6                | 195  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 120-12-7  | <b>Anthracene</b>                 | <b>1250</b> |       | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 1912-24-9 | Atrazine                          | ND          |       | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 100-52-7  | Benzaldehyde                      | ND          |       | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 92-87-5   | Benzidine                         | ND          |       | ug/kg dry | 97.6                | 195  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 56-55-3   | <b>Benzo(a)anthracene</b>         | <b>3320</b> |       | ug/kg dry | 122                 | 244  | 5        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 15:01   | SS      |
| 50-32-8   | <b>Benzo(a)pyrene</b>             | <b>2930</b> |       | ug/kg dry | 122                 | 244  | 5        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 15:01   | SS      |
| 205-99-2  | <b>Benzo(b)fluoranthene</b>       | <b>2340</b> |       | ug/kg dry | 122                 | 244  | 5        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 15:01   | SS      |
| 191-24-2  | <b>Benzo(g,h,i)perylene</b>       | <b>1530</b> |       | ug/kg dry | 122                 | 244  | 5        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 15:01   | SS      |
| 207-08-9  | <b>Benzo(k)fluoranthene</b>       | <b>974</b>  |       | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 65-85-0   | Benzoic acid                      | ND          | CAL-E | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 100-51-6  | Benzyl alcohol                    | ND          |       | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 85-68-7   | <b>Benzyl butyl phthalate</b>     | <b>440</b>  |       | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 111-91-1  | Bis(2-chloroethoxy)methane        | ND          |       | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 111-44-4  | Bis(2-chloroethyl)ether           | ND          |       | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 108-60-1  | Bis(2-chloroisopropyl)ether       | ND          |       | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 117-81-7  | <b>Bis(2-ethylhexyl)phthalate</b> | <b>159</b>  |       | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |



### Sample Information

**Client Sample ID:** WC-5

**York Sample ID:** 24D1795-09

York Project (SDG) No.

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Matrix

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24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                  | Result | Flag          | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|----------------------------|--------|---------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 105-60-2 | Caprolactam                | ND     |               | ug/kg dry | 48.8                | 97.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 86-74-8  | Carbazole                  | 402    |               | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 218-01-9 | Chrysene                   | 2890   |               | ug/kg dry | 122                 | 244  | 5        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 15:01   | SS      |
| 53-70-3  | Dibenzo(a,h)anthracene     | 586    |               | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 132-64-9 | Dibenzofuran               | 239    |               | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 84-66-2  | Diethyl phthalate          | ND     |               | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 131-11-3 | Dimethyl phthalate         | ND     |               | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 84-74-2  | Di-n-butyl phthalate       | ND     |               | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 117-84-0 | Di-n-octyl phthalate       | ND     | CAL-E         | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 122-39-4 | * Diphenylamine            | ND     |               | ug/kg dry | 48.8                | 97.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 206-44-0 | Fluoranthene               | 6490   |               | ug/kg dry | 122                 | 244  | 5        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 15:01   | SS      |
| 86-73-7  | Fluorene                   | 478    |               | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 118-74-1 | Hexachlorobenzene          | ND     |               | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 87-68-3  | Hexachlorobutadiene        | ND     | CCVE          | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 77-47-4  | Hexachlorocyclopentadiene  | ND     | CCVE,<br>ICVE | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 67-72-1  | Hexachloroethane           | ND     |               | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | 1890   |               | ug/kg dry | 122                 | 244  | 5        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 15:01   | SS      |
| 78-59-1  | Isophorone                 | ND     |               | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 91-20-3  | Naphthalene                | 164    |               | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 98-95-3  | Nitrobenzene               | ND     |               | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     | CAL-E         | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 621-64-7 | N-nitroso-di-n-propylamine | ND     |               | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 86-30-6  | N-Nitrosodiphenylamine     | ND     | CCVE          | ug/kg dry | 24.4                | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |



### Sample Information

**Client Sample ID:** WC-5

**York Sample ID:** 24D1795-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                             | Result        | Flag | Units     | Reported to LOD/MDL     | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------------|---------------|------|-----------|-------------------------|------|----------|---|--------------------|--------------------|---------|
| 87-86-5                     | Pentachlorophenol                     | ND            | CCVE | ug/kg dry | 24.4                    | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 85-01-8                     | <b>Phenanthrene</b>                   | <b>3980</b>   |      | ug/kg dry | 122                     | 244  | 5        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 15:01   | SS      |
| 108-95-2                    | Phenol                                | ND            |      | ug/kg dry | 24.4                    | 48.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:51   | SS      |
| 129-00-0                    | <b>Pyrene</b>                         | <b>5440</b>   |      | ug/kg dry | 122                     | 244  | 5        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 15:01   | SS      |
| <b>Surrogate Recoveries</b> |                                       | <b>Result</b> |      |           | <b>Acceptance Range</b> |      |          |   |                    |                    |         |
| 367-12-4                    | Surrogate: SURR: 2-Fluorophenol       | 78.2 %        |      |           | 20-108                  |      |          |   |                    |                    |         |
| 13127-88-3                  | Surrogate: SURR: Phenol-d6            | 76.5 %        |      |           | 23-114                  |      |          |   |                    |                    |         |
| 4165-60-0                   | Surrogate: SURR: Nitrobenzene-d5      | 86.5 %        |      |           | 22-108                  |      |          |   |                    |                    |         |
| 321-60-8                    | Surrogate: SURR: 2-Fluorobiphenyl     | 78.2 %        |      |           | 21-113                  |      |          |   |                    |                    |         |
| 118-79-6                    | Surrogate: SURR: 2,4,6-Tribromophenol | 71.6 %        |      |           | 19-110                  |      |          |   |                    |                    |         |
| 1718-51-0                   | Surrogate: SURR: Terphenyl-d14        | 91.4 %        |      |           | 24-116                  |      |          |   |                    |                    |         |

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.    | Parameter             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------|--------|------|-------|---------------------|------|----------|--|--------------------|--------------------|---------|
| 106-46-7   | 1,4-Dichlorobenzene   | ND     |      | ug/L  | 6.45                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 05/01/2024 08:16   | 05/02/2024 16:16   | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol | ND     |      | ug/L  | 7.22                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:16   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol | ND     |      | ug/L  | 6.54                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:16   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene    | ND     |      | ug/L  | 4.73                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:16   | SS      |
| 95-48-7    | 2-Methylphenol        | ND     |      | ug/L  | 1.71                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:16   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols  | ND     |      | ug/L  | 7.43                | 20.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:16   | SS      |
| 1319-77-3  | Cresols, total        | ND     |      | ug/L  | 7.40                | 30.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854                          | 05/01/2024 08:16   | 05/02/2024 16:16   | SS      |
| 118-74-1   | Hexachlorobenzene     | ND     |      | ug/L  | 5.91                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:16   | SS      |
| 87-68-3    | Hexachlorobutadiene   | ND     |      | ug/L  | 6.62                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:16   | SS      |
| 67-72-1    | Hexachloroethane      | ND     |      | ug/L  | 7.26                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:16   | SS      |
| 98-95-3    | Nitrobenzene          | ND     |      | ug/L  | 3.93                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:16   | SS      |
| 87-86-5    | Pentachlorophenol     | ND     |      | ug/L  | 7.53                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:16   | SS      |



### Sample Information

**Client Sample ID:** WC-5

**York Sample ID:** 24D1795-09

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.  | Parameter                             | Result        | Flag | Units | Reported to LOD/MDL     | LOQ  | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|--|---------------------------------------|---------------|------|-------|-------------------------|------|----------|------------------|--------------------|--------------------|---------|
| 110-86-1   | Pyridine                              | ND            |      | ug/L  | 6.37                    | 10.0 | 1        | EPA 8270D/1311   | 05/01/2024 08:16   | 05/02/2024 16:16   | SS      |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                                       |               |      |       |                         |      |          |                  |                    |                    |         |
| <b>Surrogate Recoveries</b>  |                                       | <b>Result</b> |      |       | <b>Acceptance Range</b> |      |          |                  |                    |                    |         |
| 367-12-4   | Surrogate: SURR: 2-Fluorophenol       | 68.8 %        |      |       | 10-90.9                 |      |          |                  |                    |                    |         |
| 13127-88-3   | Surrogate: SURR: Phenol-d6            | 50.5 %        |      |       | 10-69.2                 |      |          |                  |                    |                    |         |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5      | 90.6 %        |      |       | 19.2-141                |      |          |                  |                    |                    |         |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl     | 94.6 %        |      |       | 24.8-127                |      |          |                  |                    |                    |         |
| 118-79-6   | Surrogate: SURR: 2,4,6-Tribromophenol | 133 %         |      |       | 23-163                  |      |          |                  |                    |                    |         |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14        | 117 %         | S-08 |       | 25.8-110                |      |          |                  |                    |                    |         |

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter          | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |  |
|--|--------------------|--------|------|-----------|-----------------|----------|------------------|--------------------|--------------------|---------|--|
| 72-54-8  | 4,4'-DDD           | ND     |      | ug/kg dry | 1.96            | 5        | EPA 8081B        | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |        |      |           |                 |          |                  |                    |                    |         |  |
| 72-55-9  | 4,4'-DDE           | ND     |      | ug/kg dry | 1.96            | 5        | EPA 8081B        | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |        |      |           |                 |          |                  |                    |                    |         |  |
| 50-29-3  | 4,4'-DDT           | ND     |      | ug/kg dry | 1.96            | 5        | EPA 8081B        | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |        |      |           |                 |          |                  |                    |                    |         |  |
| 309-00-2   | Aldrin             | ND     |      | ug/kg dry | 1.96            | 5        | EPA 8081B        | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |        |      |           |                 |          |                  |                    |                    |         |  |
| 319-84-6   | alpha-BHC          | ND     |      | ug/kg dry | 1.96            | 5        | EPA 8081B        | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |        |      |           |                 |          |                  |                    |                    |         |  |
| 5103-71-9  | alpha-Chlordane    | ND     |      | ug/kg dry | 1.96            | 5        | EPA 8081B        | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |        |      |           |                 |          |                  |                    |                    |         |  |
| 319-85-7   | beta-BHC           | ND     |      | ug/kg dry | 1.96            | 5        | EPA 8081B        | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |        |      |           |                 |          |                  |                    |                    |         |  |
| 57-74-9  | Chlordane, total   | ND     |      | ug/kg dry | 39.2            | 5        | EPA 8081B        | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |        |      |           |                 |          |                  |                    |                    |         |  |
| 319-86-8   | delta-BHC          | ND     |      | ug/kg dry | 1.96            | 5        | EPA 8081B        | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |        |      |           |                 |          |                  |                    |                    |         |  |
| 60-57-1  | Dieldrin           | ND     |      | ug/kg dry | 1.96            | 5        | EPA 8081B        | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |        |      |           |                 |          |                  |                    |                    |         |  |
| 959-98-8   | Endosulfan I       | ND     |      | ug/kg dry | 1.96            | 5        | EPA 8081B        | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |        |      |           |                 |          |                  |                    |                    |         |  |
| 33213-65-9   | Endosulfan II      | ND     |      | ug/kg dry | 1.96            | 5        | EPA 8081B        | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           |                    |        |      |           |                 |          |                  |                    |                    |         |  |
| 1031-07-8  | Endosulfan sulfate | ND     |      | ug/kg dry | 1.96            | 5        | EPA 8081B        | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |        |      |           |                 |          |                  |                    |                    |         |  |
| 72-20-8  | Endrin             | ND     |      | ug/kg dry | 1.96            | 5        | EPA 8081B        | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |        |      |           |                 |          |                  |                    |                    |         |  |
| 7421-93-4  | Endrin aldehyde    | ND     |      | ug/kg dry | 1.96            | 5        | EPA 8081B        | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 |                    |        |      |           |                 |          |                  |                    |                    |         |  |



### Sample Information

**Client Sample ID:** WC-5

**York Sample ID:** 24D1795-09

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag | Units     | Reported to LOQ         | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |  |
|-----------------------------|---------------------------------|---------------|------|-----------|-------------------------|----------|---|--------------------|--------------------|---------|--|
| 53494-70-5                  | Endrin ketone                   | ND            |      | ug/kg dry | 1.96                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/kg dry | 1.96                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| 5566-34-7                   | gamma-Chlordane                 | ND            |      | ug/kg dry | 1.96                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/kg dry | 1.96                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/kg dry | 1.96                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/kg dry | 1.96                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/kg dry | 1.96                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 02:52   | TAH     |  |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |   |                    |                    |         |  |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 93.5 %        |      |           | 30-150                  |          |   |                    |                    |         |  |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 92.2 %        |      |           | 30-150                  |          |   |                    |                    |         |  |

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No.                     | Parameter                       | Result        | Flag | Units | Reported to LOD/MDL     | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-------|-------------------------|--------|----------|--|--------------------|--------------------|---------|
| 57-74-9                     | Chlordane, total                | ND            |      | ug/L  | 0.222                   | 0.222  | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:44   | TAH     |
| 72-20-8                     | Endrin                          | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:44   | TAH     |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:44   | TAH     |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:44   | TAH     |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:44   | TAH     |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:44   | TAH     |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/L  | 1.11                    | 1.11   | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 04:44   | TAH     |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |       | <b>Acceptance Range</b> |        |          |  |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 77.7 %        |      |       | 30-120                  |        |          |  |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 71.5 %        |      |       | 30-120                  |        |          |  |                    |                    |         |

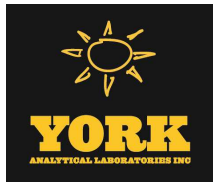
**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

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



### Sample Information

**Client Sample ID:** WC-5

**York Sample ID:** 24D1795-09

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag                    | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|-------------------------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 12674-11-2                  | Aroclor 1016                    | ND            |                         | mg/kg dry | 0.0198          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:58   | NF      |
| 11104-28-2                  | Aroclor 1221                    | ND            |                         | mg/kg dry | 0.0198          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:58   | NF      |
| 11141-16-5                  | Aroclor 1232                    | ND            |                         | mg/kg dry | 0.0198          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:58   | NF      |
| 53469-21-9                  | Aroclor 1242                    | ND            |                         | mg/kg dry | 0.0198          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:58   | NF      |
| 12672-29-6                  | Aroclor 1248                    | ND            |                         | mg/kg dry | 0.0198          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:58   | NF      |
| 11097-69-1                  | <b>Aroclor 1254</b>             | <b>0.0288</b> |                         | mg/kg dry | 0.0198          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:58   | NF      |
| 11096-82-5                  | Aroclor 1260                    | ND            |                         | mg/kg dry | 0.0198          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 02:58   | NF      |
| 37324-23-5                  | Aroclor 1262                    | ND            |                         | mg/kg dry | 0.0198          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 02:58   | NF      |
| 11100-14-4                  | Aroclor 1268                    | ND            |                         | mg/kg dry | 0.0198          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 02:58   | NF      |
| 1336-36-3                   | <b>* Total PCBs</b>             | <b>0.0288</b> |                         | mg/kg dry | 0.0198          | 1        | EPA 8082A<br>Certifications:  | 04/27/2024 07:18   | 04/29/2024 02:58   | NF      |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 73.0 %        | 30-140                  |           |                 |          |   |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 73.5 %        | 30-140                  |           |                 |          |   |                    |                    |         |

**Herbicides, Target List**

**Log-in Notes:**

**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            |                         | ug/kg dry | 23.8            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 22:29   | BCJ     |
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/kg dry | 23.8            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 22:29   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/kg dry | 23.8            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 22:29   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 72.2 %        | 21-150                  |           |                 |          |   |                    |                    |         |

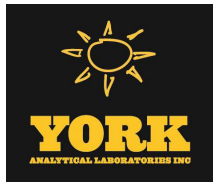
**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| CAS No. | Parameter         | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|-------------------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 93-72-1 | 2,4,5-TP (Silvex) | ND     |      | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 08:15   | BCJ     |



### Sample Information

**Client Sample ID:** WC-5

**York Sample ID:** 24D1795-09

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| CAS No.                     | Parameter                                       | Result        | Flag                    | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                  | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------------------------|-------|-----------------|----------|------------------|---|--------------------|---------|
| 94-75-7                     | 2,4-D   | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311   | 04/30/2024 13:19                                    | 05/01/2024 08:15   | BCJ     |
|                             |   |               |                         |       |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |       |                 |          |                  |   |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 79.6 %        | 10-150                  |       |                 |          |                  |   |                    |         |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

**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 |
|-----------------------------|-------------------------------|---------------|-------------------------|-----------|-----------------|----------|-------------------|--------------------|--------------------|---------|
| <b>* Total EPH</b>          |                               | <b>209</b>    |                         | mg/kg dry | 59.0            | 1        | NJDEP EPH Rev 3.0 | 04/29/2024 08:23   | 04/30/2024 13:13   | GXB     |
|                             |                               |               |                         |           |                 |          | Certifications:   | NJDEP-CT005        |                    |         |
| <b>Surrogate Recoveries</b> |                               | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |                   |                    |                    |         |
| 3386-33-2                   | Surrogate: 1-Chlorooctadecane | 82.3 %        | 31.6-128                |           |                 |          |                   |                    |                    |         |
| 84-15-1                     | Surrogate: o-Terphenyl        | 80.1 %        | 28.7-124                |           |                 |          |                   |                    |                    |         |

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                  | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|------------------|---|--------------------|---------|
| 7429-90-5 | Aluminum  | 10400  |      | mg/kg dry | 4.97            | 1        | EPA 6010D        | 05/01/2024 08:12                                    | 05/02/2024 13:14   | AGNR    |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-36-0 | Antimony  | ND     |      | mg/kg dry | 2.48            | 1        | EPA 6010D        | 05/01/2024 08:12                                    | 05/02/2024 13:14   | AGNR    |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-38-2 | Arsenic   | 6.94   |      | mg/kg dry | 1.49            | 1        | EPA 6010D        | 05/01/2024 08:12                                    | 05/02/2024 13:14   | AGNR    |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-39-3 | Barium    | 126    |      | mg/kg dry | 2.48            | 1        | EPA 6010D        | 05/01/2024 08:12                                    | 05/02/2024 13:14   | AGNR    |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-41-7 | Beryllium | 0.355  |      | mg/kg dry | 0.050           | 1        | EPA 6010D        | 05/01/2024 08:12                                    | 05/02/2024 13:14   | AGNR    |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-43-9 | Cadmium   | 1.13   |      | mg/kg dry | 0.298           | 1        | EPA 6010D        | 05/01/2024 08:12                                    | 05/02/2024 13:14   | AGNR    |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-70-2 | Calcium   | 27200  |      | mg/kg dry | 4.97            | 1        | EPA 6010D        | 05/01/2024 08:12                                    | 05/02/2024 13:14   | AGNR    |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-47-3 | Chromium  | 20.9   |      | mg/kg dry | 0.497           | 1        | EPA 6010D        | 05/01/2024 08:12                                    | 05/02/2024 13:14   | AGNR    |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-48-4 | Cobalt    | 8.66   |      | mg/kg dry | 0.397           | 1        | EPA 6010D        | 05/01/2024 08:12                                    | 05/02/2024 13:14   | AGNR    |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-50-8 | Copper    | 138    |      | mg/kg dry | 1.99            | 1        | EPA 6010D        | 05/01/2024 08:12                                    | 05/02/2024 13:14   | AGNR    |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7439-89-6 | Iron      | 17700  |      | mg/kg dry | 24.8            | 1        | EPA 6010D        | 05/01/2024 08:12                                    | 05/02/2024 13:14   | AGNR    |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |



Sample Information

Client Sample ID: WC-5

York Sample ID: 24D1795-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Vanadium, and Zinc.

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, and Silver.

Thallium by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst.





### Sample Information

**Client Sample ID:** WC-5

**York Sample ID:** 24D1795-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Thallium by EPA 6020**

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 |
|-----------|-----------|--------|------|-----------|-----------------|----------|------------------|--|--------------------|---------|
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 0.100           | 1        | EPA 6020B        | 04/30/2024 08:56                                     | 05/01/2024 12:06   | 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   | 0.195  |      | mg/kg dry | 0.0358          | 1        | EPA 7473         | 05/01/2024 09:05                                    | 05/01/2024 16:18   | DRS     |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04 |                    |         |

**Mercury, TCLP**

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  | 0.000200        | 1        | EPA 7470/1311    | 05/01/2024 08:13                                     | 05/01/2024 08:13   | PFA     |
|           |           |        |      |       |                 |          | Certifications:  | CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108 |                    |         |

**Chloride, SPLP**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300/1312

| CAS No.    | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                      | Date/Time Analyzed | Analyst |
|------------|-----------|--------|------|-------|-----------------|----------|------------------|---|--------------------|---------|
| 16887-00-6 | Chloride  | 5.10   |      | mg/L  | 0.500           | 1        | EPA 300.0        | 05/02/2024 13:06                        | 05/02/2024 13:06   | NJO     |
|            |           |        |      |       |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005 |                    |         |

**Chromium, Hexavalent**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

| CAS No.    | Parameter            | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                   | Date/Time Analyzed | Analyst |
|------------|----------------------|--------|------|-----------|-----------------|----------|------------------|--|--------------------|---------|
| 18540-29-9 | Chromium, Hexavalent | ND     |      | mg/kg dry | 0.596           | 1        | EPA 7196A        | 05/01/2024 11:15                                     | 05/01/2024 16:49   | JAMT    |
|            |                      |        |      |           |                 |          | Certifications:  | NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044 |                    |         |

**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 |
|---------|-----------|--------|------|----------|-----------------|----------|------------------|--|--------------------|---------|
|         | pH        | 7.20   |      | pH units | 0.500           | 1        | EPA 9045D        | 04/29/2024 14:53                           | 04/29/2024 19:24   | SMK     |
|         |           |        |      |          |                 |          | Certifications:  | NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440 |                    |         |

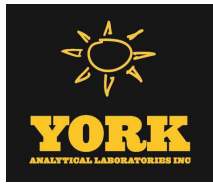
**Cyanide, Total**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

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



### Sample Information

**Client Sample ID:** WC-5

**York Sample ID:** 24D1795-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

| CAS No. | Parameter      | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|----------------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 57-12-5 | Cyanide, total | ND     |      | mg/kg dry | 0.596           | 1        | EPA 9014/9010C<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 05/01/2024 07:15   | 05/01/2024 16:00   | PMB     |

**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/kg | 0.250           | 1        | EPA SW-846 Ch.7.3.3<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:52   | 04/29/2024 23:31   | SL      |

**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 | 40.0   |      | mg/kg | 15.0            | 1        | EPA SW-846 Ch.7.3.4<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:54   | 04/29/2024 23:39   | SL      |

**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 | 23.6   |      | °C    | 1.00            | 1        | EPA 170.1<br>Certifications: | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |

**Ignitability**

**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 |
|---------|----------------|------------|------|-------|-----------------|----------|------------------------------|--------------------|--------------------|---------|
|         | * Ignitability | Non-Ignit. |      | None  | 1               | 1        | EPA 1030P<br>Certifications: | 04/28/2024 06:49   | 04/28/2024 07:35   | CAM2    |

**Paint Filter Test**

**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 |
|---------|-------------------|----------------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
|         | Paint Filter Test | No Free Liquid |      | None  | 0.05            | 1        | EPA 9095B<br>Certifications: NELAC-NY10854,NJDEP-CT005 | 04/29/2024 09:21   | 04/29/2024 10:55   | JAMT    |

**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 | 83.9   |      | %     | 0.100           | 1        | SM 2540G<br>Certifications: CTDOH-PH-0723 | 04/29/2024 12:55   | 04/29/2024 14:51   | HLV     |



### Sample Information

**Client Sample ID:** WC-5

**York Sample ID:** 24D1795-09

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**SPLP Extraction for WET CHEM EPA 1312**

**Log-in Notes:**

**Sample Notes:** EXT-Temp, WTCLP\_AMT

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

| CAS No.         | Parameter | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------|-----------|-----------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| SPLP Extraction |           | Completed |      | N/A   | 1.00            | 1        | EPA 1312<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 16:09   | 05/02/2024 11:04   | CAM2    |

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

| CAS No.         | Parameter | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------|-----------|-----------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| TCLP Extraction |           | Completed |      | N/A   | 1.00            | 1        | EPA 1311<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 14:50   | 04/28/2024 11:08   | CAM2    |

**TCLP Extraction for SVOCS/PEST/HERB**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

| CAS No.         | Parameter | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------|-----------|-----------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| TCLP Extraction |           | Completed |      | N/A   | 1.00            | 1        | EPA 1311<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 14:54   | 04/28/2024 11:15   | CAM2    |

**TCLP Extraction for VOA by EPA 1311 ZHE**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

| CAS No.         | Parameter | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------|-----------|-----------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| TCLP Extraction |           | Completed |      | N/A   | 1.00            | 1        | EPA 1311<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 14:58   | 04/28/2024 11:12   | CAM2    |

### Sample Information

**Client Sample ID:** WC-5 (g)

**York Sample ID:** 24D1795-10

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter   | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---|--------|------|-----------|---------------------|-----|----------|---|--------------------|--------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |



### Sample Information

**Client Sample ID:** WC-5 (g)

**York Sample ID:** 24D1795-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter                   | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 79-00-5  | 1,1,2-Trichloroethane       | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 75-34-3  | 1,1-Dichloroethane          | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 75-35-4  | 1,1-Dichloroethylene        | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 87-61-6  | 1,2,3-Trichlorobenzene      | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 96-18-4  | 1,2,3-Trichloropropane      | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 120-82-1 | 1,2,4-Trichlorobenzene      | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 95-63-6  | 1,2,4-Trimethylbenzene      | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 96-12-8  | 1,2-Dibromo-3-chloropropane | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 106-93-4 | 1,2-Dibromoethane           | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene         | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 107-06-2 | 1,2-Dichloroethane          | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 78-87-5  | 1,2-Dichloropropane         | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene      | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene         | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene         | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 123-91-1 | 1,4-Dioxane                 | ND     |      | ug/kg dry | 57                  | 110 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 78-93-3  | 2-Butanone                  | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 591-78-6 | 2-Hexanone                  | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone        | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 67-64-1  | Acetone                     | ND     | ICVE | ug/kg dry | 5.7                 | 11  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 107-02-8 | Acrolein                    | ND     |      | ug/kg dry | 5.7                 | 11  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 107-13-1 | Acrylonitrile               | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 71-43-2  | Benzene                     | ND     |      | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |



Sample Information

Client Sample ID: WC-5 (g)

York Sample ID: 24D1795-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include various chemical compounds like Bromochloromethane, Chlorobenzene, etc.



### Sample Information

**Client Sample ID:** WC-5 (g)

**York Sample ID:** 24D1795-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

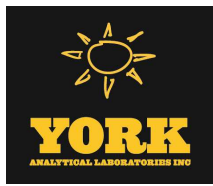
Sample Prepared by Method: EPA 5035A

| CAS No.                     | Parameter                                  | Result        | Flag                    | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|--|---------------|-------------------------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 104-51-8                    | n-Butylbenzene                             | ND            |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 103-65-1                    | n-Propylbenzene                            | ND            |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 95-47-6                     | o-Xylene                                   | ND            |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 179601-23-1                 | p- & m- Xylenes                            | ND            | QL-02                   | ug/kg dry | 5.7                 | 11  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 99-87-6                     | p-Isopropyltoluene                         | ND            |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 135-98-8                    | sec-Butylbenzene                           | ND            |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 100-42-5                    | Styrene                                    | ND            |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 75-65-0                     | tert-Butyl alcohol (TBA)                   | ND            |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 98-06-6                     | tert-Butylbenzene                          | ND            |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 127-18-4                    | Tetrachloroethylene                        | ND            | CCVE,<br>ICVE,<br>QL-02 | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 108-88-3                    | Toluene                                    | ND            |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 156-60-5                    | trans-1,2-Dichloroethylene                 | ND            |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 10061-02-6                  | trans-1,3-Dichloropropylene                | ND            |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 110-57-6                    | * trans-1,4-dichloro-2-butene              | ND            |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 79-01-6                     | Trichloroethylene                          | ND            |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 75-69-4                     | Trichlorofluoromethane                     | ND            |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 75-01-4                     | Vinyl Chloride                             | ND            |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| 1330-20-7                   | Xylenes, Total                             | ND            |                         | ug/kg dry | 8.6                 | 17  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:02   | BMT     |
| <b>Surrogate Recoveries</b> |  | <b>Result</b> | <b>Acceptance Range</b> |           |                     |     |          |  |                    |                    |         |
| 17060-07-0                  | Surrogate: SURRE:<br>1,2-Dichloroethane-d4 | 99.9 %        | 77-125                  |           |                     |     |          |  |                    |                    |         |
| 2037-26-5                   | Surrogate: SURRE: Toluene-d8               | 97.1 %        | 85-120                  |           |                     |     |          |  |                    |                    |         |
| 460-00-4                    | Surrogate: SURRE:<br>p-Bromofluorobenzene  | 103 %         | 76-130                  |           |                     |     |          |  |                    |                    |         |

**Total Solids**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** WC-5 (g)

**York Sample ID:** 24D1795-10

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

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 | 86.4   |      | %     | 0.100           | 1        | SM 2540G<br>Certifications: CTDOH-PH-0723 | 04/29/2024 12:55   | 04/29/2024 14:51   | HLY     |

### Sample Information

**Client Sample ID:** WC-6

**York Sample ID:** 24D1795-11

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

### Volatile Organics, TCLP RCRA List

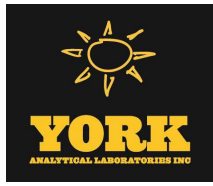
### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

| CAS No.  | Parameter            | Result | Flag  | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|----------------------|--------|-------|-------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-35-4  | 1,1-Dichloroethylene | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 17:14   | BMT     |
| 107-06-2 | 1,2-Dichloroethane   | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 17:14   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene  | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 17:14   | BMT     |
| 78-93-3  | 2-Butanone           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 17:14   | BMT     |
| 71-43-2  | Benzene              | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 17:14   | BMT     |
| 56-23-5  | Carbon tetrachloride | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 17:14   | BMT     |
| 108-90-7 | Chlorobenzene        | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 17:14   | BMT     |
| 67-66-3  | Chloroform           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 17:14   | BMT     |
| 127-18-4 | Tetrachloroethylene  | ND     | QL-02 | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 17:14   | BMT     |
| 79-01-6  | Trichloroethylene    | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 17:14   | BMT     |
| 75-01-4  | Vinyl Chloride       | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/28/2024 09:00   | 04/28/2024 17:14   | BMT     |

|            | Surrogate Recoveries                      | Result | Acceptance Range |
|------------|---|--------|------------------|
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 105 %  | 77-125           |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 105 %  | 84.2-124         |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 103 %  | 85-120           |



### Sample Information

**Client Sample ID:** WC-6

**York Sample ID:** 24D1795-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                             | Result | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------------------|--------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-52-4    | 1,1-Biphenyl                          | 29.1   | J     | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene            | ND     | CCVE  | ug/kg dry | 47.3                | 94.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 120-82-1   | 1,2,4-Trichlorobenzene                | ND     | CCVE  | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 95-50-1    | 1,2-Dichlorobenzene                   | ND     |       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 122-66-7   | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 541-73-1   | 1,3-Dichlorobenzene                   | ND     |       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 106-46-7   | 1,4-Dichlorobenzene                   | ND     |       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol             | ND     | CCVE  | ug/kg dry | 47.3                | 94.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol                 | ND     |       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol                 | ND     |       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 120-83-2   | 2,4-Dichlorophenol                    | ND     |       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 105-67-9   | 2,4-Dimethylphenol                    | ND     | ICVE  | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 51-28-5    | 2,4-Dinitrophenol                     | ND     | CAL-E | ug/kg dry | 47.3                | 94.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene                    | ND     |       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 606-20-2   | 2,6-Dinitrotoluene                    | ND     |       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 91-58-7    | 2-Chloronaphthalene                   | ND     |       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 95-57-8    | 2-Chlorophenol                        | ND     |       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 91-57-6    | 2-Methylnaphthalene                   | 48.4   |       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 95-48-7    | 2-Methylphenol                        | ND     |       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 88-74-4    | 2-Nitroaniline                        | ND     |       | ug/kg dry | 47.3                | 94.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 88-75-5    | 2-Nitrophenol                         | ND     |       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols                  | ND     | CAL-E | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 91-94-1    | 3,3-Dichlorobenzidine                 | ND     |       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |





### Sample Information

**Client Sample ID:** WC-6

**York Sample ID:** 24D1795-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.   | Parameter                   | Result     | Flag        | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------------------------|------------|-------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 99-09-2   | 3-Nitroaniline              | ND         |             | ug/kg dry | 47.3                | 94.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 534-52-1  | 4,6-Dinitro-2-methylphenol  | ND         | CAL-E, CCVE | ug/kg dry | 47.3                | 94.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 101-55-3  | 4-Bromophenyl phenyl ether  | ND         | CCVE        | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 59-50-7   | 4-Chloro-3-methylphenol     | ND         |             | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 106-47-8  | 4-Chloroaniline             | ND         |             | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND         |             | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 100-01-6  | 4-Nitroaniline              | ND         |             | ug/kg dry | 47.3                | 94.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 100-02-7  | 4-Nitrophenol               | ND         |             | ug/kg dry | 47.3                | 94.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 83-32-9   | <b>Acenaphthene</b>         | <b>185</b> |             | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 208-96-8  | Acenaphthylene              | ND         |             | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 98-86-2   | Acetophenone                | ND         |             | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 62-53-3   | Aniline                     | ND         | ICVE        | ug/kg dry | 94.7                | 189  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 120-12-7  | <b>Anthracene</b>           | <b>335</b> |             | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 1912-24-9 | Atrazine                    | ND         |             | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 100-52-7  | Benzaldehyde                | ND         |             | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 92-87-5   | Benzidine                   | ND         |             | ug/kg dry | 94.7                | 189  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 56-55-3   | <b>Benzo(a)anthracene</b>   | <b>663</b> |             | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 50-32-8   | <b>Benzo(a)pyrene</b>       | <b>471</b> |             | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 205-99-2  | <b>Benzo(b)fluoranthene</b> | <b>553</b> |             | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 191-24-2  | <b>Benzo(g,h,i)perylene</b> | <b>263</b> |             | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 207-08-9  | <b>Benzo(k)fluoranthene</b> | <b>174</b> |             | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 65-85-0   | Benzoic acid                | ND         | CAL-E       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 100-51-6  | Benzyl alcohol              | ND         |             | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |



### Sample Information

**Client Sample ID:** WC-6

**York Sample ID:** 24D1795-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                   | Result | Flag       | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------|--------|------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 85-68-7  | Benzyl butyl phthalate      | 928    |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 111-91-1 | Bis(2-chloroethoxy)methane  | ND     |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 111-44-4 | Bis(2-chloroethyl)ether     | ND     |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND     |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 117-81-7 | Bis(2-ethylhexyl)phthalate  | ND     |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 105-60-2 | Caprolactam                 | ND     |            | ug/kg dry | 47.3                | 94.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 86-74-8  | Carbazole                   | 119    |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 218-01-9 | Chrysene                    | 597    | CCVE       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 53-70-3  | Dibenzo(a,h)anthracene      | 79.4   |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 132-64-9 | Dibenzofuran                | 76.0   |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 84-66-2  | Diethyl phthalate           | ND     |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 131-11-3 | Dimethyl phthalate          | ND     |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 84-74-2  | Di-n-butyl phthalate        | ND     |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 117-84-0 | Di-n-octyl phthalate        | ND     | CAL-E      | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 122-39-4 | * Diphenylamine             | ND     |            | ug/kg dry | 47.3                | 94.4 | 1        | EPA 8270E<br>Certifications:  | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 206-44-0 | Fluoranthene                | 1400   |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 86-73-7  | Fluorene                    | 176    |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 118-74-1 | Hexachlorobenzene           | ND     |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 87-68-3  | Hexachlorobutadiene         | ND     | CCVE       | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 77-47-4  | Hexachlorocyclopentadiene   | ND     | CCVE, ICVE | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 67-72-1  | Hexachloroethane            | ND     |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene      | 352    |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 78-59-1  | Isophorone                  | ND     |            | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |



### Sample Information

**Client Sample ID:** WC-6

**York Sample ID:** 24D1795-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                                | Result        | Flag                    | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|--|---------------|-------------------------|-----------|---------------------|------|----------|--|--------------------|--------------------|---------|
| 91-20-3                     | Naphthalene                              | 54.4          |                         | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 98-95-3                     | Nitrobenzene                             | ND            |                         | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 62-75-9                     | N-Nitrosodimethylamine                   | ND            | CAL-E                   | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 621-64-7                    | N-nitroso-di-n-propylamine               | ND            |                         | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 86-30-6                     | N-Nitrosodiphenylamine                   | ND            | CCVE                    | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 87-86-5                     | Pentachlorophenol                        | ND            | CCVE                    | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 85-01-8                     | Phenanthrene                             | 1460          |                         | ug/kg dry | 47.4                | 94.6 | 2        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 04/29/2024 15:27   | SS      |
| 108-95-2                    | Phenol                                   | ND            |                         | ug/kg dry | 23.7                | 47.3 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 05/01/2024 22:00   | SS      |
| 129-00-0                    | Pyrene                                   | 1390          |                         | ug/kg dry | 47.4                | 94.6 | 2        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:21   | 04/29/2024 15:27   | SS      |
| <b>Surrogate Recoveries</b> |  | <b>Result</b> | <b>Acceptance Range</b> |           |                     |      |          |  |                    |                    |         |
| 367-12-4                    | Surrogate: SURR: 2-Fluorophenol          | 84.3 %        | 20-108                  |           |                     |      |          |  |                    |                    |         |
| 13127-88-3                  | Surrogate: SURR: Phenol-d6               | 86.3 %        | 23-114                  |           |                     |      |          |  |                    |                    |         |
| 4165-60-0                   | Surrogate: SURR: Nitrobenzene-d5         | 107 %         | 22-108                  |           |                     |      |          |  |                    |                    |         |
| 321-60-8                    | Surrogate: SURR: 2-Fluorobiphenyl        | 93.3 %        | 21-113                  |           |                     |      |          |  |                    |                    |         |
| 118-79-6                    | Surrogate: SURR:<br>2,4,6-Tribromophenol | 102 %         | 19-110                  |           |                     |      |          |  |                    |                    |         |
| 1718-51-0                   | Surrogate: SURR: Terphenyl-d14           | 101 %         | 24-116                  |           |                     |      |          |  |                    |                    |         |

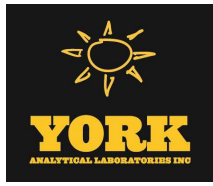
**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.    | Parameter             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------|--------|------|-------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 106-46-7   | 1,4-Dichlorobenzene   | ND     |      | ug/L  | 6.45                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: NELAC-NY10854,PADEP-68-04440                        | 05/01/2024 08:16   | 05/02/2024 15:40   | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol | ND     |      | ug/L  | 7.22                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:16   | 05/02/2024 15:40   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol | ND     |      | ug/L  | 6.54                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:16   | 05/02/2024 15:40   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene    | ND     |      | ug/L  | 4.73                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:16   | 05/02/2024 15:40   | SS      |
| 95-48-7    | 2-Methylphenol        | ND     |      | ug/L  | 1.71                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:16   | 05/02/2024 15:40   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols  | ND     |      | ug/L  | 7.43                | 20.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:16   | 05/02/2024 15:40   | SS      |
| 1319-77-3  | Cresols, total        | ND     |      | ug/L  | 7.40                | 30.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854                         | 05/01/2024 08:16   | 05/02/2024 15:40   | SS      |



### Sample Information

**Client Sample ID:** WC-6

**York Sample ID:** 24D1795-11

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.    | Parameter                             | Result        | Flag | Units | Reported to LOD/MDL     | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------------------|---------------|------|-------|-------------------------|------|----------|--|--------------------|--------------------|---------|
| 118-74-1   | Hexachlorobenzene                     | ND            |      | ug/L  | 5.91                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 15:40   | SS      |
| 87-68-3    | Hexachlorobutadiene                   | ND            |      | ug/L  | 6.62                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 15:40   | SS      |
| 67-72-1    | Hexachloroethane                      | ND            |      | ug/L  | 7.26                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 15:40   | SS      |
| 98-95-3    | Nitrobenzene                          | ND            |      | ug/L  | 3.93                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 15:40   | SS      |
| 87-86-5    | Pentachlorophenol                     | ND            |      | ug/L  | 7.53                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 15:40   | SS      |
| 110-86-1   | Pyridine                              | ND            |      | ug/L  | 6.37                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 15:40   | SS      |
|            | <b>Surrogate Recoveries</b>           | <b>Result</b> |      |       | <b>Acceptance Range</b> |      |          |  |                    |                    |         |
| 367-12-4   | Surrogate: SURR: 2-Fluorophenol       | 55.8 %        |      |       | 10-90.9                 |      |          |  |                    |                    |         |
| 13127-88-3 | Surrogate: SURR: Phenol-d6            | 38.4 %        |      |       | 10-69.2                 |      |          |  |                    |                    |         |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5      | 78.4 %        |      |       | 19.2-141                |      |          |  |                    |                    |         |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl     | 67.8 %        |      |       | 24.8-127                |      |          |  |                    |                    |         |
| 118-79-6   | Surrogate: SURR: 2,4,6-Tribromophenol | 132 %         |      |       | 23-163                  |      |          |  |                    |                    |         |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14        | 70.4 %        |      |       | 25.8-110                |      |          |  |                    |                    |         |

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.   | Parameter        | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 72-54-8   | 4,4'-DDD         | ND     |      | ug/kg dry | 1.91            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |
| 72-55-9   | 4,4'-DDE         | ND     |      | ug/kg dry | 1.91            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |
| 50-29-3   | 4,4'-DDT         | ND     |      | ug/kg dry | 1.91            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |
| 309-00-2  | Aldrin           | ND     |      | ug/kg dry | 1.91            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |
| 319-84-6  | alpha-BHC        | ND     |      | ug/kg dry | 1.91            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |
| 5103-71-9 | alpha-Chlordane  | ND     |      | ug/kg dry | 1.91            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |
| 319-85-7  | beta-BHC         | ND     |      | ug/kg dry | 1.91            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |
| 57-74-9   | Chlordane, total | ND     |      | ug/kg dry | 38.3            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |
| 319-86-8  | delta-BHC        | ND     |      | ug/kg dry | 1.91            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |
| 60-57-1   | Dieldrin         | ND     |      | ug/kg dry | 1.91            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |



### Sample Information

**Client Sample ID:** WC-6

**York Sample ID:** 24D1795-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag | Units     | Reported to LOQ         | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |  |
|-----------------------------|---------------------------------|---------------|------|-----------|-------------------------|----------|---|--------------------|--------------------|---------|--|
| 959-98-8                    | Endosulfan I                    | ND            |      | ug/kg dry | 1.91                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |  |
| 33213-65-9                  | Endosulfan II                   | ND            |      | ug/kg dry | 1.91                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-0440            | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |  |
| 1031-07-8                   | Endosulfan sulfate              | ND            |      | ug/kg dry | 1.91                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |  |
| 72-20-8                     | Endrin                          | ND            |      | ug/kg dry | 1.91                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |  |
| 7421-93-4                   | Endrin aldehyde                 | ND            |      | ug/kg dry | 1.91                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |  |
| 53494-70-5                  | Endrin ketone                   | ND            |      | ug/kg dry | 1.91                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |  |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/kg dry | 1.91                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |  |
| 5566-34-7                   | gamma-Chlordane                 | ND            |      | ug/kg dry | 1.91                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |  |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/kg dry | 1.91                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |  |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/kg dry | 1.91                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |  |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/kg dry | 1.91                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |  |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/kg dry | 1.91                    | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/30/2024 03:10   | TAH     |  |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |   |                    |                    |         |  |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 101 %         |      |           | 30-150                  |          |   |                    |                    |         |  |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 103 %         |      |           | 30-150                  |          |   |                    |                    |         |  |

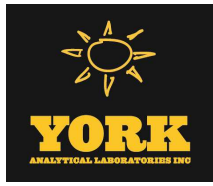
**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3535A/1312

| CAS No.   | Parameter           | Result | Flag | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|---------------------|--------|------|-------|---------------------|--------|----------|--|--------------------|--------------------|---------|
| 57-74-9   | Chlordane, total    | ND     |      | ug/L  | 0.222               | 0.222  | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:02   | TAH     |
| 72-20-8   | Endrin              | ND     |      | ug/L  | 0.0444              | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:02   | TAH     |
| 58-89-9   | gamma-BHC (Lindane) | ND     |      | ug/L  | 0.0444              | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:02   | TAH     |
| 76-44-8   | Heptachlor          | ND     |      | ug/L  | 0.0444              | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:02   | TAH     |
| 1024-57-3 | Heptachlor epoxide  | ND     |      | ug/L  | 0.0444              | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:02   | TAH     |
| 72-43-5   | Methoxychlor        | ND     |      | ug/L  | 0.0444              | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:02   | TAH     |
| 8001-35-2 | Toxaphene           | ND     |      | ug/L  | 1.11                | 1.11   | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:02   | TAH     |



### Sample Information

**Client Sample ID:** WC-6

**York Sample ID:** 24D1795-11

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3535A/1312

| CAS No.                     | Parameter                       | Result        | Flag                    | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|-------------------------|-------|---------------------|-----|----------|------------------|--------------------|--------------------|---------|
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> | <b>Acceptance Range</b> |       |                     |     |          |                  |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 29.0 %        | S-08,<br>S-GC           |       | 30-120              |     |          |                  |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 56.3 %        |                         |       | 30-120              |     |          |                  |                    |                    |         |

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag                    | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |  |
|-----------------------------|---------------------------------|---------------|-------------------------|-----------|-----------------|----------|---|--------------------|--------------------|---------|--|
| 12674-11-2                  | Aroclor 1016                    | ND            |                         | mg/kg dry | 0.0193          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 03:39   | NF      |  |
| 11104-28-2                  | Aroclor 1221                    | ND            |                         | mg/kg dry | 0.0193          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 03:39   | NF      |  |
| 11141-16-5                  | Aroclor 1232                    | ND            |                         | mg/kg dry | 0.0193          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 03:39   | NF      |  |
| 53469-21-9                  | Aroclor 1242                    | ND            |                         | mg/kg dry | 0.0193          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 03:39   | NF      |  |
| 12672-29-6                  | Aroclor 1248                    | ND            |                         | mg/kg dry | 0.0193          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 03:39   | NF      |  |
| 11097-69-1                  | Aroclor 1254                    | ND            |                         | mg/kg dry | 0.0193          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 03:39   | NF      |  |
| 11096-82-5                  | Aroclor 1260                    | ND            |                         | mg/kg dry | 0.0193          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 03:39   | NF      |  |
| 37324-23-5                  | Aroclor 1262                    | ND            |                         | mg/kg dry | 0.0193          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 03:39   | NF      |  |
| 11100-14-4                  | Aroclor 1268                    | ND            |                         | mg/kg dry | 0.0193          | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 03:39   | NF      |  |
| 1336-36-3                   | * Total PCBs                    | ND            |                         | mg/kg dry | 0.0193          | 1        | EPA 8082A<br>Certifications:  | 04/27/2024 07:18   | 04/29/2024 03:39   | NF      |  |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |  |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 89.0 %        |                         |           | 30-140          |          |   |                    |                    |         |  |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 87.0 %        |                         |           | 30-140          |          |   |                    |                    |         |  |

**Herbicides, Target List**

**Log-in Notes:**

**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     |      | ug/kg dry | 23.2            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 22:40   | BCJ     |
| 93-72-1 | 2,4,5-TP (Silvex) | ND     |      | ug/kg dry | 23.2            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 22:40   | BCJ     |
| 94-75-7 | 2,4-D             | ND     |      | ug/kg dry | 23.2            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 22:40   | BCJ     |



### Sample Information

**Client Sample ID:** WC-6

**York Sample ID:** 24D1795-11

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Herbicides, Target List**

**Log-in Notes:**

**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 |
|-----------------------------|---|---------------|-------------------------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |       |                 |          |                  |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 87.4 %        |                         |       |                 |          |                  |                    |                    |         |
|                             |   |               |                         |       |                 |          |                  |                    |                    |         |

**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| CAS No.                     | Parameter                                       | Result        | Flag                    | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------------------------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 08:26   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 08:26   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |       |                 |          |  |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 57.8 %        |                         |       |                 |          |  |                    |                    |         |
|                             |   |               |                         |       |                 |          |  |                    |                    |         |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

**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 |
|-----------------------------|-------------------------------|---------------|-------------------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
|                             | <b>* Total EPH</b>            | <b>91.1</b>   |                         | mg/kg dry | 57.6            | 1        | NJDEP EPH Rev 3.0<br>Certifications: NJDEP-CT005 | 04/29/2024 08:23   | 04/30/2024 13:44   | GXB     |
| <b>Surrogate Recoveries</b> |                               | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |  |                    |                    |         |
| 3386-33-2                   | Surrogate: 1-Chlorooctadecane | 72.7 %        |                         |           |                 |          |  |                    |                    |         |
| 84-15-1                     | Surrogate: o-Terphenyl        | 72.1 %        |                         |           |                 |          |  |                    |                    |         |

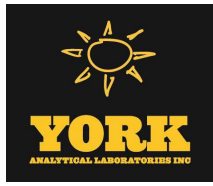
**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter       | Result       | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------------|--------------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7429-90-5 | <b>Aluminum</b> | <b>9370</b>  |      | mg/kg dry | 4.85            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7440-36-0 | Antimony        | ND           |      | mg/kg dry | 2.42            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7440-38-2 | <b>Arsenic</b>  | <b>3.99</b>  |      | mg/kg dry | 1.46            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7440-39-3 | <b>Barium</b>   | <b>90.1</b>  |      | mg/kg dry | 2.42            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7440-41-7 | Beryllium       | ND           |      | mg/kg dry | 0.049           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7440-43-9 | <b>Cadmium</b>  | <b>0.591</b> |      | mg/kg dry | 0.291           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |



### Sample Information

**Client Sample ID:** WC-6

**York Sample ID:** 24D1795-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag          | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|---------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-70-2 | Calcium   | 5800   |               | mg/kg dry | 4.85            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7440-47-3 | Chromium  | 19.1   |               | mg/kg dry | 0.485           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7440-48-4 | Cobalt    | 7.45   |               | mg/kg dry | 0.388           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7440-50-8 | Copper    | 180    |               | mg/kg dry | 1.94            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7439-89-6 | Iron      | 11700  |               | mg/kg dry | 24.2            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7439-92-1 | Lead      | 306    |               | mg/kg dry | 0.485           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7439-95-4 | Magnesium | 3220   |               | mg/kg dry | 4.85            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7439-96-5 | Manganese | 233    |               | mg/kg dry | 0.485           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7440-02-0 | Nickel    | 83.7   |               | mg/kg dry | 0.966           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7440-09-7 | Potassium | 1250   | M-CCV<br>1, B | mg/kg dry | 4.85            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7782-49-2 | Selenium  | ND     |               | mg/kg dry | 2.42            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7440-22-4 | Silver    | ND     |               | mg/kg dry | 0.489           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7440-23-5 | Sodium    | 454    |               | mg/kg dry | 48.5            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7440-62-2 | Vanadium  | 18.7   |               | mg/kg dry | 0.966           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:46   | AGNR    |
| 7440-66-6 | Zinc      | 18000  |               | mg/kg dry | 24.2            | 10       | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 16:00   | AGNR    |

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-38-2 | Arsenic   | ND     |      | mg/L  | 0.375           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 13:02   | AGNR    |
| 7440-39-3 | Barium    | 1.01   |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 13:02   | AGNR    |
| 7440-43-9 | Cadmium   | ND     |      | mg/L  | 0.075           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 13:02   | AGNR    |
| 7440-47-3 | Chromium  | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 13:02   | AGNR    |
| 7439-92-1 | Lead      | 1.37   |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 13:02   | AGNR    |





### Sample Information

**Client Sample ID:** WC-6

**York Sample ID:** 24D1795-11

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

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24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| 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/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:02   | AGNR    |
| 7440-22-4 | Silver    | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:02   | AGNR    |

**Thallium by EPA 6020**

**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 |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 0.100           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 08:56   | 05/01/2024 12:10   | AJL     |

**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   | 0.985  |      | mg/kg dry | 0.0349          | 1        | EPA 7473<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04 | 05/01/2024 09:05   | 05/01/2024 16:18   | DRS     |

**Mercury, TCLP**

**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  | 0.000200        | 1        | EPA 7470/1311<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108 | 05/01/2024 08:13   | 05/01/2024 08:13   | PFA     |

**Chloride, SPLP**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 300/1312

| CAS No.    | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 16887-00-6 | Chloride  | 26.8   |      | mg/L  | 0.500           | 1        | EPA 300.0<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005 | 05/02/2024 13:38   | 05/02/2024 13:38   | NJO     |

**Chromium, Hexavalent**

**Log-in Notes:**

**Sample Notes:**

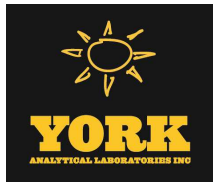
Sample Prepared by Method: EPA SW846-3060

| CAS No.    | Parameter            | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|----------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 18540-29-9 | Chromium, Hexavalent | ND     |      | mg/kg dry | 0.582           | 1        | EPA 7196A<br>Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044 | 05/01/2024 11:15   | 05/01/2024 16:49   | JAMT    |

**Corrosivity (pH) by SM 4500/EPA 9045D**

**Log-in Notes:**

**Sample Notes:**



## Sample Information

**Client Sample ID:** WC-6

**York Sample ID:** 24D1795-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

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 |
|---------|-----------|--------|------|----------|-----------------|----------|------------------|--|--------------------|---------|
|         | pH        | 7.82   |      | pH units | 0.500           | 1        | EPA 9045D        | 04/29/2024 14:53                           | 04/29/2024 19:24   | SMK     |
|         |           |        |      |          |                 |          | Certifications:  | NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440 |                    |         |

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

| CAS No. | Parameter      | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                   | Date/Time Analyzed | Analyst |
|---------|----------------|--------|------|-----------|-----------------|----------|------------------|--|--------------------|---------|
| 57-12-5 | Cyanide, total | ND     |      | mg/kg dry | 0.582           | 1        | EPA 9014/9010C   | 05/01/2024 07:15                                     | 05/01/2024 16:00   | PMB     |
|         |                |        |      |           |                 |          | Certifications:  | NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 |                    |         |

**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/kg | 0.250           | 1        | EPA SW-846 Ch.7.3.3 | 04/29/2024 14:52             | 04/29/2024 23:31   | SL      |
|         |                        |        |      |       |                 |          | Certifications:     | CTDOH-PH-0723,PADEP-68-04440 |                    |         |

**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 | 48.0   |      | mg/kg | 15.0            | 1        | EPA SW-846 Ch.7.3.4 | 04/29/2024 14:54             | 04/29/2024 23:39   | 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 | 23.6   |      | °C    | 1.00            | 1        | EPA 170.1        | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |
|         |               |        |      |       |                 |          | Certifications:  |                    |                    |         |

**Ignitability**

**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 |
|---------|----------------|------------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
|         | * Ignitability | Non-Ignit. |      | None  | 1               | 1        | EPA 1030P        | 04/28/2024 06:49   | 04/28/2024 07:35   | CAM2    |
|         |                |            |      |       |                 |          | Certifications:  |                    |                    |         |

**Paint Filter Test**

**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 |
|---------|-------------------|----------------|------|-------|-----------------|----------|------------------|---------------------------|--------------------|---------|
|         | Paint Filter Test | No Free Liquid |      | None  | 0.05            | 1        | EPA 9095B        | 04/29/2024 09:21          | 04/29/2024 10:55   | JAMT    |
|         |                   |                |      |       |                 |          | Certifications:  | NELAC-NY10854,NJDEP-CT005 |                    |         |

**Total Solids**

**Log-in Notes:**

**Sample Notes:**



Sample Information

Client Sample ID: WC-6

York Sample ID: 24D1795-11

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, \* % Solids, 85.9, %, 0.100, 1, SM 2540G, 04/29/2024 12:55, 04/29/2024 14:51, HLY. Certifications: CTDOH-PH-0723

SPLP Extraction for WET CHEM EPA 1312

Log-in Notes:

Sample Notes: EXT-Temp, WTCLP\_AMT

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: SPLP Extraction, Completed, N/A, 1.00, 1, EPA 1312, 05/01/2024 16:09, 05/02/2024 11:04, CAM2. Certifications: CTDOH-PH-0723, NELAC-NY10854, NJDEP-CT005, PADEP-68-044

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:50, 04/28/2024 11:08, CAM2. Certifications: NELAC-NY10854, CTDOH-PH-0723, NJDEP-CT005, PADEP-68-044

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:54, 04/28/2024 11:15, CAM2. Certifications: NELAC-NY10854, CTDOH-PH-0723, NJDEP-CT005, PADEP-68-044

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:58, 04/28/2024 11:12, CAM2. Certifications: NELAC-NY10854, CTDOH-PH-0723, NJDEP-CT005, PADEP-68-044

Sample Information

Client Sample ID: WC-6 (g)

York Sample ID: 24D1795-12

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 630-20-6, 1,1,1,2-Tetrachloroethane, ND, ug/kg dry, 2.4, 4.8, 1, EPA 8260D, 04/29/2024 09:00, 04/29/2024 12:28, BMT. Certifications: CTDOH-PH-0723, NELAC-NY10854, NELAC-NY12058, NJDEP-CT



### Sample Information

**Client Sample ID:** WC-6 (g)

**York Sample ID:** 24D1795-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

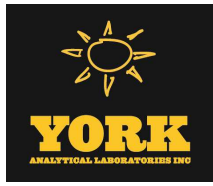
**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter   | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/kg dry | 48                  | 95  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 78-93-3  | 2-Butanone  | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |      | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 67-64-1  | Acetone   | 13     | ICVE | ug/kg dry | 4.8                 | 9.5 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |



Sample Information

Client Sample ID: WC-6 (g)

York Sample ID: 24D1795-12

York Project (SDG) No. 24D1795

Client Project ID Four Sparrows

Matrix Soil

Collection Date/Time April 26, 2024 11:19 am

Date Received 04/26/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Acrolein, Acrylonitrile, Benzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropylene, Cyclohexane, Dibromochloromethane, Dibromomethane, Dichlorodifluoromethane, Ethyl Benzene, Hexachlorobutadiene, Isopropylbenzene, Methyl acetate.



### Sample Information

**Client Sample ID:** WC-6 (g)

**York Sample ID:** 24D1795-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

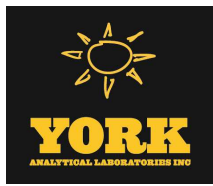
**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.                     | Parameter                                 | Result        | Flag                    | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------------------------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)            | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 108-87-2                    | Methylcyclohexane                         | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 75-09-2                     | Methylene chloride                        | ND            |                         | ug/kg dry | 4.8                 | 9.5 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 104-51-8                    | n-Butylbenzene                            | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 103-65-1                    | n-Propylbenzene                           | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 95-47-6                     | o-Xylene                                  | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 179601-23-1                 | p- & m- Xylenes                           | ND            | QL-02                   | ug/kg dry | 4.8                 | 9.5 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 99-87-6                     | p-Isopropyltoluene                        | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 135-98-8                    | sec-Butylbenzene                          | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 100-42-5                    | Styrene                                   | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 127-18-4                    | Tetrachloroethylene                       | ND            | CCVE,<br>ICVE,<br>QL-02 | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 108-88-3                    | Toluene                                   | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 110-57-6                    | * trans-1,4-dichloro-2-butene             | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 79-01-6                     | Trichloroethylene                         | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/kg dry | 2.4                 | 4.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/kg dry | 7.1                 | 14  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:28   | BMT     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |           |                     |     |          |  |                    |                    |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 97.9 %        | 77-125                  |           |                     |     |          |  |                    |                    |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 97.2 %        | 85-120                  |           |                     |     |          |  |                    |                    |         |



### Sample Information

**Client Sample ID:** WC-6 (g)

**York Sample ID:** 24D1795-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

#### Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter                                 | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---|--------|------|-------|---------------------|-----|----------|------------------|--------------------|--------------------|---------|
| 460-00-4 | Surrogate: SURRE:<br>p-Bromofluorobenzene | 101 %  |      |       | 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 | 85.8   |      | %     | 0.100           | 1        | SM 2540G         | 04/29/2024 12:55   | 04/29/2024 14:51   | HLY     |  |
| Certifications: |            |        |      |       |                 |          |                  | CTDOH-PH-0723      |                    |         |  |

### Sample Information

**Client Sample ID:** WC-7

**York Sample ID:** 24D1795-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

#### Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

| CAS No.         | Parameter            | Result | Flag  | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method                                   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------|----------------------|--------|-------|-------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-35-4         | 1,1-Dichloroethylene | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/29/2024 23:09   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 107-06-2        | 1,2-Dichloroethane   | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/29/2024 23:09   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 106-46-7        | 1,4-Dichlorobenzene  | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/29/2024 23:09   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 78-93-3         | 2-Butanone           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/29/2024 23:09   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 71-43-2         | Benzene              | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/29/2024 23:09   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 56-23-5         | Carbon tetrachloride | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/29/2024 23:09   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 108-90-7        | Chlorobenzene        | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/29/2024 23:09   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 67-66-3         | Chloroform           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/29/2024 23:09   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 127-18-4        | Tetrachloroethylene  | ND     | QL-02 | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/29/2024 23:09   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 79-01-6         | Trichloroethylene    | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/29/2024 23:09   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 75-01-4         | Vinyl Chloride       | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/29/2024 23:09   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |



### Sample Information

**Client Sample ID:** WC-7

**York Sample ID:** 24D1795-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

| CAS No.                     | Parameter   | Result        | Flag                    | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------------------------|-------|---------------------|-----|----------|------------------|--------------------|--------------------|---------|
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |       |                     |     |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: <i>SURR:</i><br><i>1,2-Dichloroethane-d4</i> | 100 %         |                         |       | 77-125              |     |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: <i>SURR:</i><br><i>p-Bromofluorobenzene</i>  | 101 %         |                         |       | 84.2-124            |     |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: <i>SURR:</i> <i>Toluene-d8</i>               | 96.1 %        |                         |       | 85-120              |     |          |                  |                    |                    |         |

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                             | Result | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---------------------------------------|--------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-52-4  | 1,1-Biphenyl                          | ND     |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND     | CCVE  | ug/kg dry | 51.8                | 103  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND     | CCVE  | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND     |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                   | ND     |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                   | ND     |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol             | ND     | CCVE  | ug/kg dry | 51.8                | 103  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 95-95-4  | 2,4,5-Trichlorophenol                 | ND     |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 88-06-2  | 2,4,6-Trichlorophenol                 | ND     |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 120-83-2 | 2,4-Dichlorophenol                    | ND     |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 105-67-9 | 2,4-Dimethylphenol                    | ND     | ICVE  | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 51-28-5  | 2,4-Dinitrophenol                     | ND     | CAL-E | ug/kg dry | 51.8                | 103  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 121-14-2 | 2,4-Dinitrotoluene                    | ND     |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 606-20-2 | 2,6-Dinitrotoluene                    | ND     |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 91-58-7  | 2-Chloronaphthalene                   | ND     |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 95-57-8  | 2-Chlorophenol                        | ND     |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |





### Sample Information

**Client Sample ID:** WC-7

**York Sample ID:** 24D1795-13

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                   | Result | Flag        | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------------|--------|-------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 91-57-6    | 2-Methylnaphthalene         | ND     |             | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 95-48-7    | 2-Methylphenol              | ND     |             | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 88-74-4    | 2-Nitroaniline              | ND     |             | ug/kg dry | 51.8                | 103  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 88-75-5    | 2-Nitrophenol               | ND     |             | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols        | ND     | CAL-E       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |             | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 99-09-2    | 3-Nitroaniline              | ND     |             | ug/kg dry | 51.8                | 103  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     | CAL-E, CCVE | ug/kg dry | 51.8                | 103  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     | CCVE        | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |             | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 106-47-8   | 4-Chloroaniline             | ND     |             | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |             | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 100-01-6   | 4-Nitroaniline              | ND     |             | ug/kg dry | 51.8                | 103  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 100-02-7   | 4-Nitrophenol               | ND     |             | ug/kg dry | 51.8                | 103  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 83-32-9    | Acenaphthene                | ND     |             | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 208-96-8   | Acenaphthylene              | ND     |             | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 98-86-2    | Acetophenone                | ND     |             | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 62-53-3    | Aniline                     | ND     | ICVE        | ug/kg dry | 104                 | 207  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 120-12-7   | Anthracene                  | ND     |             | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 1912-24-9  | Atrazine                    | ND     |             | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 100-52-7   | Benzaldehyde                | ND     |             | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 92-87-5    | Benzidine                   | ND     |             | ug/kg dry | 104                 | 207  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 56-55-3    | Benzo(a)anthracene          | ND     |             | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |



### Sample Information

**Client Sample ID:** WC-7

**York Sample ID:** 24D1795-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                   | Result      | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------|-------------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 50-32-8  | Benzo(a)pyrene              | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 205-99-2 | Benzo(b)fluoranthene        | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 191-24-2 | Benzo(g,h,i)perylene        | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 207-08-9 | Benzo(k)fluoranthene        | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 65-85-0  | Benzoic acid                | ND          | CAL-E | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 100-51-6 | Benzyl alcohol              | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 85-68-7  | Benzyl butyl phthalate      | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 111-91-1 | Bis(2-chloroethoxy)methane  | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 111-44-4 | Bis(2-chloroethyl)ether     | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 117-81-7 | Bis(2-ethylhexyl)phthalate  | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 105-60-2 | Caprolactam                 | ND          |       | ug/kg dry | 51.8                | 103  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 86-74-8  | Carbazole                   | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 218-01-9 | Chrysene                    | ND          | CCVE  | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 53-70-3  | Dibenzo(a,h)anthracene      | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 132-64-9 | Dibenzofuran                | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 84-66-2  | Diethyl phthalate           | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 131-11-3 | Dimethyl phthalate          | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 84-74-2  | Di-n-butyl phthalate        | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 117-84-0 | Di-n-octyl phthalate        | ND          | CAL-E | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 122-39-4 | * Diphenylamine             | ND          |       | ug/kg dry | 51.8                | 103  | 1        | EPA 8270E<br>Certifications:  | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 206-44-0 | <b>Fluoranthene</b>         | <b>26.1</b> | J     | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 86-73-7  | Fluorene                    | ND          |       | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |



### Sample Information

**Client Sample ID:** WC-7

**York Sample ID:** 24D1795-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                         | Result        | Flag                    | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|-----------------------------------|---------------|-------------------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 118-74-1                    | Hexachlorobenzene                 | ND            |                         | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 87-68-3                     | Hexachlorobutadiene               | ND            | CCVE                    | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 77-47-4                     | Hexachlorocyclopentadiene         | ND            | CCVE, ICVE              | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 67-72-1                     | Hexachloroethane                  | ND            |                         | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 193-39-5                    | Indeno(1,2,3-cd)pyrene            | ND            |                         | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 78-59-1                     | Isophorone                        | ND            |                         | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 91-20-3                     | Naphthalene                       | ND            |                         | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 98-95-3                     | Nitrobenzene                      | ND            |                         | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 62-75-9                     | N-Nitrosodimethylamine            | ND            | CAL-E                   | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 621-64-7                    | N-nitroso-di-n-propylamine        | ND            |                         | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 86-30-6                     | N-Nitrosodiphenylamine            | ND            | CCVE                    | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 87-86-5                     | Pentachlorophenol                 | ND            | CCVE                    | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 85-01-8                     | Phenanthrene                      | ND            |                         | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 108-95-2                    | Phenol                            | ND            |                         | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| 129-00-0                    | <b>Pyrene</b>                     | <b>29.0</b>   | <b>J</b>                | ug/kg dry | 25.9                | 51.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:21   | 05/01/2024 23:23   | SS      |
| <b>Surrogate Recoveries</b> |                                   | <b>Result</b> | <b>Acceptance Range</b> |           |                     |      |          |   |                    |                    |         |
| 4165-60-0                   | Surrogate: SURR: Nitrobenzene-d5  | 96.5 %        | 22-108                  |           |                     |      |          |   |                    |                    |         |
| 321-60-8                    | Surrogate: SURR: 2-Fluorobiphenyl | 87.0 %        | 21-113                  |           |                     |      |          |   |                    |                    |         |
| 1718-51-0                   | Surrogate: SURR: Terphenyl-d14    | 102 %         | 24-116                  |           |                     |      |          |   |                    |                    |         |

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.  | Parameter             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------|--------|------|-------|---------------------|------|----------|--|--------------------|--------------------|---------|
| 106-46-7 | 1,4-Dichlorobenzene   | ND     |      | ug/L  | 6.45                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 05/01/2024 08:16   | 05/02/2024 16:13   | SS      |
| 95-95-4  | 2,4,5-Trichlorophenol | ND     |      | ug/L  | 7.22                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:13   | SS      |
| 88-06-2  | 2,4,6-Trichlorophenol | ND     |      | ug/L  | 6.54                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:13   | SS      |



### Sample Information

**Client Sample ID:** WC-7

**York Sample ID:** 24D1795-13

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| 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  | 4.73                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:13   | SS      |
| 95-48-7                     | 2-Methylphenol                        | ND            |      | ug/L  | 1.71                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:13   | SS      |
| 65794-96-9                  | 3- & 4-Methylphenols                  | ND            |      | ug/L  | 7.43                    | 20.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:13   | SS      |
| 1319-77-3                   | Cresols, total                        | ND            |      | ug/L  | 7.40                    | 30.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854                          | 05/01/2024 08:16   | 05/02/2024 16:13   | SS      |
| 118-74-1                    | Hexachlorobenzene                     | ND            |      | ug/L  | 5.91                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:13   | SS      |
| 87-68-3                     | Hexachlorobutadiene                   | ND            |      | ug/L  | 6.62                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:13   | SS      |
| 67-72-1                     | Hexachloroethane                      | ND            |      | ug/L  | 7.26                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:13   | SS      |
| 98-95-3                     | Nitrobenzene                          | ND            |      | ug/L  | 3.93                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:13   | SS      |
| 87-86-5                     | Pentachlorophenol                     | ND            |      | ug/L  | 7.53                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:13   | SS      |
| 110-86-1                    | Pyridine                              | ND            |      | ug/L  | 6.37                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:13   | SS      |
| <b>Surrogate Recoveries</b> |                                       | <b>Result</b> |      |       | <b>Acceptance Range</b> |      |          |  |                    |                    |         |
| 367-12-4                    | Surrogate: SURR: 2-Fluorophenol       | 63.9 %        |      |       | 10-90.9                 |      |          |  |                    |                    |         |
| 13127-88-3                  | Surrogate: SURR: Phenol-d6            | 45.5 %        |      |       | 10-69.2                 |      |          |  |                    |                    |         |
| 4165-60-0                   | Surrogate: SURR: Nitrobenzene-d5      | 89.9 %        |      |       | 19.2-141                |      |          |  |                    |                    |         |
| 321-60-8                    | Surrogate: SURR: 2-Fluorobiphenyl     | 77.2 %        |      |       | 24.8-127                |      |          |  |                    |                    |         |
| 118-79-6                    | Surrogate: SURR: 2,4,6-Tribromophenol | 152 %         |      |       | 23-163                  |      |          |  |                    |                    |         |
| 1718-51-0                   | Surrogate: SURR: Terphenyl-d14        | 82.3 %        |      |       | 25.8-110                |      |          |  |                    |                    |         |

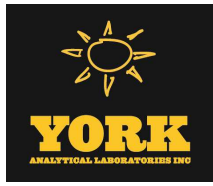
**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.   | Parameter       | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 72-54-8   | 4,4'-DDD        | ND     |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 72-55-9   | 4,4'-DDE        | ND     |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 50-29-3   | 4,4'-DDT        | ND     |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 309-00-2  | Aldrin          | ND     |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 319-84-6  | alpha-BHC       | ND     |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 5103-71-9 | alpha-Chlordane | ND     |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |



### Sample Information

**Client Sample ID:** WC-7

**York Sample ID:** 24D1795-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                       | Result        | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------------|---------------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 319-85-7   | beta-BHC                        | ND            |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 57-74-9    | Chlordane, total                | ND            |      | ug/kg dry | 41.8            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 319-86-8   | delta-BHC                       | ND            |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 60-57-1    | Dieldrin                        | ND            |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 959-98-8   | Endosulfan I                    | ND            |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 33213-65-9 | Endosulfan II                   | ND            |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 1031-07-8  | Endosulfan sulfate              | ND            |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 72-20-8    | Endrin                          | ND            |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 7421-93-4  | Endrin aldehyde                 | ND            |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 53494-70-5 | Endrin ketone                   | ND            |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 58-89-9    | gamma-BHC (Lindane)             | ND            |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 5566-34-7  | gamma-Chlordane                 | ND            |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 76-44-8    | Heptachlor                      | ND            |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 1024-57-3  | Heptachlor epoxide              | ND            |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 72-43-5    | Methoxychlor                    | ND            |      | ug/kg dry | 2.09            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
| 8001-35-2  | Toxaphene                       | ND            |      | ug/kg dry | 209             | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 16:52   | NF      |
|            | <b>Surrogate Recoveries</b>     | <b>Result</b> |      |           |                 |          | <b>Acceptance Range</b>   |                    |                    |         |
| 2051-24-3  | Surrogate: Decachlorobiphenyl   | 102 %         |      |           |                 |          | 30-150  |                    |                    |         |
| 877-09-8   | Surrogate: Tetrachloro-m-xylene | 94.8 %        |      |           |                 |          | 30-150  |                    |                    |         |

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No. | Parameter           | Result | Flag | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|---------------------|--------|------|-------|---------------------|--------|----------|--|--------------------|--------------------|---------|
| 57-74-9 | Chlordane, total    | ND     |      | ug/L  | 0.222               | 0.222  | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:20   | TAH     |
| 72-20-8 | Endrin              | ND     |      | ug/L  | 0.0444              | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:20   | TAH     |
| 58-89-9 | gamma-BHC (Lindane) | ND     |      | ug/L  | 0.0444              | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:20   | TAH     |



Sample Information

Client Sample ID: WC-7

York Sample ID: 24D1795-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1312

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Heptachlor, Heptachlor epoxide, Methoxychlor, Toxaphene, and Surrogate Recoveries for Decachlorobiphenyl and Tetrachloro-m-xylene.

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Aroclor 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, 1268, and Surrogate Recoveries for Tetrachloro-m-xylene and Decachlorobiphenyl.

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes 120 RESEARCH DRIVE, STRATFORD, CT 06615.



### Sample Information

**Client Sample ID:** WC-7

**York Sample ID:** 24D1795-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time    | Date Received |
|------------------------|-------------------|--------|-------------------------|---------------|
| 24D1795                | Four Sparrows     | Soil   | April 26, 2024 11:19 am | 04/26/2024    |

|         |                   |    |           |      |   |   |                  |                  |     |
|---------|-------------------|----|-----------|------|---|---|------------------|------------------|-----|
| 93-76-5 | 2,4,5-T           | ND | ug/kg dry | 25.2 | 1 | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21 | 04/29/2024 22:51 | BCJ |
| 93-72-1 | 2,4,5-TP (Silvex) | ND | ug/kg dry | 25.2 | 1 | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21 | 04/29/2024 22:51 | BCJ |
| 94-75-7 | 2,4-D             | ND | ug/kg dry | 25.2 | 1 | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21 | 04/29/2024 22:51 | BCJ |

| Surrogate Recoveries  | Result | Acceptance Range |
|---|--------|------------------|
| 19719-28-9 <i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i> | 80.4 % | 21-150           |

**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| CAS No. | Parameter         | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|-------------------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 93-72-1 | 2,4,5-TP (Silvex) | ND     |      | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 08:37   | BCJ     |
| 94-75-7 | 2,4-D             | ND     |      | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 08:37   | BCJ     |

| Surrogate Recoveries  | Result | Acceptance Range |
|---|--------|------------------|
| 19719-28-9 <i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i> | 74.2 % | 10-150           |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

**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 |
|---------|-------------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
|         | * Total EPH | ND     |      | mg/kg dry | 62.9            | 1        | NJDEP EPH Rev 3.0<br>Certifications: NJDEP-CT005 | 04/29/2024 08:23   | 04/30/2024 11:42   | GXB     |

| Surrogate Recoveries                           | Result | Acceptance Range |
|--|--------|------------------|
| 3386-33-2 <i>Surrogate: 1-Chlorooctadecane</i> | 75.6 % | 31.6-128         |
| 84-15-1 <i>Surrogate: o-Terphenyl</i>          | 77.1 % | 28.7-124         |

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 3070   |      | mg/kg dry | 5.29            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7440-36-0 | Antimony  | ND     |      | mg/kg dry | 2.65            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7440-38-2 | Arsenic   | 2.65   |      | mg/kg dry | 1.59            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7440-39-3 | Barium    | 41.5   |      | mg/kg dry | 2.64            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7440-41-7 | Beryllium | ND     |      | mg/kg dry | 0.053           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |



### Sample Information

**Client Sample ID:** WC-7

**York Sample ID:** 24D1795-13

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag          | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|---------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-43-9 | Cadmium   | 0.545  |               | mg/kg dry | 0.318           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7440-70-2 | Calcium   | 5800   |               | mg/kg dry | 5.29            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7440-47-3 | Chromium  | 8.11   |               | mg/kg dry | 0.530           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7440-48-4 | Cobalt    | 3.61   |               | mg/kg dry | 0.423           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7440-50-8 | Copper    | 23.4   |               | mg/kg dry | 2.12            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7439-89-6 | Iron      | 7150   |               | mg/kg dry | 26.5            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7439-92-1 | Lead      | 59.0   |               | mg/kg dry | 0.530           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7439-95-4 | Magnesium | 1230   |               | mg/kg dry | 5.30            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7439-96-5 | Manganese | 270    |               | mg/kg dry | 0.530           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7440-02-0 | Nickel    | 22.4   |               | mg/kg dry | 1.05            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7440-09-7 | Potassium | 555    | M-CCV<br>1, B | mg/kg dry | 5.30            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7782-49-2 | Selenium  | ND     |               | mg/kg dry | 2.65            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7440-22-4 | Silver    | ND     |               | mg/kg dry | 0.534           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7440-23-5 | Sodium    | 257    |               | mg/kg dry | 52.9            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7440-62-2 | Vanadium  | 16.7   |               | mg/kg dry | 1.05            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |
| 7440-66-6 | Zinc      | 198    |               | mg/kg dry | 2.64            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:49   | AGNR    |

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-38-2 | Arsenic   | ND     |      | mg/L  | 0.375           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 13:05   | AGNR    |
| 7440-39-3 | Barium    | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 13:05   | AGNR    |
| 7440-43-9 | Cadmium   | ND     |      | mg/L  | 0.075           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 13:05   | AGNR    |
| 7440-47-3 | Chromium  | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 13:05   | AGNR    |





### Sample Information

**Client Sample ID:** WC-7

**York Sample ID:** 24D1795-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 7439-92-1 | Lead      | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:05   | AGNR    |
| 7782-49-2 | Selenium  | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:05   | AGNR    |
| 7440-22-4 | Silver    | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:05   | AGNR    |

**Thallium by EPA 6020**

**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 |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 0.106           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 08:56   | 05/01/2024 12:13   | AJL     |

**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 | 0.0381          | 1        | EPA 7473<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044 | 05/01/2024 09:05   | 05/01/2024 16:18   | DRS     |

**Mercury, TCLP**

**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  | 0.000200        | 1        | EPA 7470/1311<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108 | 05/01/2024 08:13   | 05/01/2024 08:13   | PFA     |

**Chloride, SPLP**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 300/1312

| CAS No.    | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 16887-00-6 | Chloride  | 10.0   |      | mg/L  | 0.500           | 1        | EPA 300.0<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005 | 05/02/2024 13:49   | 05/02/2024 13:49   | NJO     |

**Chromium, Hexavalent**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

| CAS No.    | Parameter            | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|----------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 18540-29-9 | Chromium, Hexavalent | ND     |      | mg/kg dry | 0.635           | 1        | EPA 7196A<br>Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044 | 05/01/2024 11:15   | 05/01/2024 16:49   | JAMT    |



### Sample Information

**Client Sample ID:** WC-7

**York Sample ID:** 24D1795-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**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 |
|--|-----------|--------|------|----------|-----------------|----------|------------------|--------------------|--------------------|---------|
|  | pH        | 7.44   |      | pH units | 0.500           | 1        | EPA 9045D        | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |
| Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440 |           |        |      |          |                 |          |                  |                    |                    |         |

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

| CAS No.  | Parameter      | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|--|----------------|--------|------|-----------|-----------------|----------|------------------|--------------------|--------------------|---------|
| 57-12-5  | Cyanide, total | ND     |      | mg/kg dry | 0.635           | 1        | EPA 9014/9010C   | 05/01/2024 07:15   | 05/01/2024 16:00   | PMB     |
| Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 |                |        |      |           |                 |          |                  |                    |                    |         |

**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/kg | 0.250           | 1        | EPA SW-846 Ch.7.3.3 | 04/29/2024 14:52   | 04/29/2024 23:31   | SL      |
| Certifications: CTDOH-PH-0723,PADEP-68-04440 |                        |        |      |       |                 |          |                     |                    |                    |         |

**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 | 56.0   |      | mg/kg | 15.0            | 1        | EPA SW-846 Ch.7.3.4 | 04/29/2024 14:54   | 04/29/2024 23:39   | 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 | 23.5   |      | °C    | 1.00            | 1        | EPA 170.1        | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |
| Certifications: |               |        |      |       |                 |          |                  |                    |                    |         |

**Ignitability**

**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 |
|-----------------|----------------|------------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
|                 | * Ignitability | Non-Ignit. |      | None  | 1               | 1        | EPA 1030P        | 04/28/2024 06:49   | 04/28/2024 07:35   | CAM2    |
| Certifications: |                |            |      |       |                 |          |                  |                    |                    |         |

**Paint Filter Test**

**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 |
|---|-------------------|----------------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
|   | Paint Filter Test | No Free Liquid |      | None  | 0.05            | 1        | EPA 9095B        | 04/29/2024 09:21   | 04/29/2024 10:55   | JAMT    |
| Certifications: NELAC-NY10854,NJDEP-CT005 |                   |                |      |       |                 |          |                  |                    |                    |         |

**Total Solids**

**Log-in Notes:**

**Sample Notes:**



Sample Information

Client Sample ID: WC-7

York Sample ID: 24D1795-13

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: % Solids, 78.7, 0.100, 1, SM 2540G, 04/29/2024 12:55, 04/29/2024 14:51, HLY

SPLP Extraction for WET CHEM EPA 1312

Log-in Notes:

Sample Notes: EXT-Temp, WTCLP\_AMT

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: SPLP Extraction, Completed, N/A, 1.00, 1, EPA 1312, 05/01/2024 16:09, 05/02/2024 11:04, CAM2

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:50, 04/28/2024 11:08, CAM2

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:54, 04/28/2024 11:15, CAM2

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:58, 04/28/2024 11:12, CAM2

Sample Information

Client Sample ID: WC-7 (g)

York Sample ID: 24D1795-14

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 1,1,1,2-Tetrachloroethane, ND, 3.0, 6.0, 1, EPA 8260D, 04/29/2024 09:00, 04/29/2024 12:54, BMT



### Sample Information

**Client Sample ID:** WC-7 (g)

**York Sample ID:** 24D1795-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter   | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/kg dry | 60                  | 120 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 78-93-3  | 2-Butanone  | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 67-64-1  | Acetone   | 30     | ICVE | ug/kg dry | 6.0                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |



### Sample Information

**Client Sample ID:** WC-7 (g)

**York Sample ID:** 24D1795-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.    | Parameter                 | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 107-02-8   | Acrolein                  | ND     |      | ug/kg dry | 6.0                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 71-43-2    | Benzene                   | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 75-25-2    | Bromoform                 | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 74-83-9    | Bromomethane              | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 75-00-3    | Chloroethane              | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 67-66-3    | Chloroform                | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 74-87-3    | Chloromethane             | ND     | CCVE | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 110-82-7   | Cyclohexane               | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 74-95-3    | Dibromomethane            | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 75-71-8    | Dichlorodifluoromethane   | ND     | CCVE | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 98-82-8    | Isopropylbenzene          | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 79-20-9    | Methyl acetate            | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |



### Sample Information

**Client Sample ID:** WC-7 (g)

**York Sample ID:** 24D1795-14

**York Project (SDG) No.**  
24D1795

**Client Project ID**  
Four Sparrows

**Matrix**  
Soil

**Collection Date/Time**  
April 26, 2024 11:19 am

**Date Received**  
04/26/2024

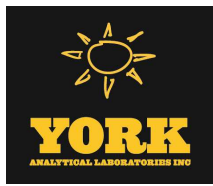
**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.                     | Parameter                                 | Result        | Flag                    | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------------------------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)            | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 108-87-2                    | Methylcyclohexane                         | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 75-09-2                     | Methylene chloride                        | ND            |                         | ug/kg dry | 6.0                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 104-51-8                    | n-Butylbenzene                            | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 103-65-1                    | n-Propylbenzene                           | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 95-47-6                     | o-Xylene                                  | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 179601-23-1                 | p- & m- Xylenes                           | ND            | QL-02                   | ug/kg dry | 6.0                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 99-87-6                     | p-Isopropyltoluene                        | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 135-98-8                    | sec-Butylbenzene                          | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 100-42-5                    | Styrene                                   | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 127-18-4                    | Tetrachloroethylene                       | ND            | CCVE,<br>ICVE,<br>QL-02 | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 108-88-3                    | Toluene                                   | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 110-57-6                    | * trans-1,4-dichloro-2-butene             | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 79-01-6                     | Trichloroethylene                         | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/kg dry | 8.9                 | 18  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 12:54   | BMT     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |           |                     |     |          |  |                    |                    |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 97.4 %        | 77-125                  |           |                     |     |          |  |                    |                    |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 97.2 %        | 85-120                  |           |                     |     |          |  |                    |                    |         |



### Sample Information

**Client Sample ID:** WC-7 (g)

**York Sample ID:** 24D1795-14

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Volatile Organics, 8260 - Comprehensive**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter                                 | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|---|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 460-00-4 | Surrogate: SURRE:<br>p-Bromofluorobenzene | 102 %  |      |       | 76-130                 |     |          |                  |                       |                       |         |

**Total Solids**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter  | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                          | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------|------------|--------|------|-------|--------------------|----------|---|-----------------------|-----------------------|---------|
| solids  | * % Solids | 72.3   |      | %     | 0.100              | 1        | SM 2540G<br>Certifications: CTDOH-PH-0723 | 04/29/2024 12:55      | 04/29/2024 14:51      | HLY     |

### Sample Information

**Client Sample ID:** WC-8

**York Sample ID:** 24D1795-15

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Volatile Organics, TCLP RCRA List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

| CAS No.  | Parameter            | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|----------------------|--------|-------|-------|------------------------|-----|----------|--|-----------------------|-----------------------|---------|
| 75-35-4  | 1,1-Dichloroethylene | ND     |       | ug/L  | 25                     | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/29/2024 12:30      | 04/29/2024 23:34      | BMT     |
| 107-06-2 | 1,2-Dichloroethane   | ND     |       | ug/L  | 25                     | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/29/2024 12:30      | 04/29/2024 23:34      | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene  | ND     |       | ug/L  | 25                     | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/29/2024 12:30      | 04/29/2024 23:34      | BMT     |
| 78-93-3  | 2-Butanone           | ND     |       | ug/L  | 25                     | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/29/2024 12:30      | 04/29/2024 23:34      | BMT     |
| 71-43-2  | Benzene              | ND     |       | ug/L  | 25                     | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/29/2024 12:30      | 04/29/2024 23:34      | BMT     |
| 56-23-5  | Carbon tetrachloride | ND     |       | ug/L  | 25                     | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/29/2024 12:30      | 04/29/2024 23:34      | BMT     |
| 108-90-7 | Chlorobenzene        | ND     |       | ug/L  | 25                     | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/29/2024 12:30      | 04/29/2024 23:34      | BMT     |
| 67-66-3  | Chloroform           | ND     |       | ug/L  | 25                     | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/29/2024 12:30      | 04/29/2024 23:34      | BMT     |
| 127-18-4 | Tetrachloroethylene  | ND     | QL-02 | ug/L  | 25                     | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/29/2024 12:30      | 04/29/2024 23:34      | BMT     |
| 79-01-6  | Trichloroethylene    | ND     |       | ug/L  | 25                     | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/29/2024 12:30      | 04/29/2024 23:34      | BMT     |
| 75-01-4  | Vinyl Chloride       | ND     |       | ug/L  | 25                     | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/29/2024 12:30      | 04/29/2024 23:34      | BMT     |



### Sample Information

**Client Sample ID:** WC-8

**York Sample ID:** 24D1795-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

| CAS No.                     | Parameter   | Result        | Flag                    | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------------------------|-------|---------------------|-----|----------|------------------|--------------------|--------------------|---------|
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |       |                     |     |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: <i>SURR:</i><br><i>1,2-Dichloroethane-d4</i> | 97.6 %        |                         |       | 77-125              |     |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: <i>SURR:</i><br><i>p-Bromofluorobenzene</i>  | 100 %         |                         |       | 84.2-124            |     |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: <i>SURR:</i> <i>Toluene-d8</i>               | 96.5 %        |                         |       | 85-120              |     |          |                  |                    |                    |         |

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                             | Result | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---------------------------------------|--------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-52-4  | 1,1-Biphenyl                          | ND     |       | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND     | CCVE  | ug/kg dry | 57.8                | 115  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND     | CCVE  | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND     |       | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |       | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                   | ND     |       | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                   | ND     |       | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol             | ND     | CCVE  | ug/kg dry | 57.8                | 115  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 95-95-4  | 2,4,5-Trichlorophenol                 | ND     |       | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 88-06-2  | 2,4,6-Trichlorophenol                 | ND     |       | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 120-83-2 | 2,4-Dichlorophenol                    | ND     |       | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 105-67-9 | 2,4-Dimethylphenol                    | ND     | ICVE  | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 51-28-5  | 2,4-Dinitrophenol                     | ND     | CAL-E | ug/kg dry | 57.8                | 115  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 121-14-2 | 2,4-Dinitrotoluene                    | ND     |       | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 606-20-2 | 2,6-Dinitrotoluene                    | ND     |       | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 91-58-7  | 2-Chloronaphthalene                   | ND     |       | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 95-57-8  | 2-Chlorophenol                        | ND     |       | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |





### Sample Information

**Client Sample ID:** WC-8

**York Sample ID:** 24D1795-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                   | Result      | Flag        | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------------|-------------|-------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 91-57-6    | 2-Methylnaphthalene         | ND          |             | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 95-48-7    | 2-Methylphenol              | ND          |             | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 88-74-4    | 2-Nitroaniline              | ND          |             | ug/kg dry | 57.8                | 115  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 88-75-5    | 2-Nitrophenol               | ND          |             | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols        | ND          | CAL-E       | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND          |             | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 99-09-2    | 3-Nitroaniline              | ND          |             | ug/kg dry | 57.8                | 115  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND          | CAL-E, CCVE | ug/kg dry | 57.8                | 115  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND          | CCVE        | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND          |             | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 106-47-8   | 4-Chloroaniline             | ND          |             | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND          |             | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 100-01-6   | 4-Nitroaniline              | ND          |             | ug/kg dry | 57.8                | 115  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 100-02-7   | 4-Nitrophenol               | ND          |             | ug/kg dry | 57.8                | 115  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 83-32-9    | Acenaphthene                | ND          |             | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 208-96-8   | Acenaphthylene              | ND          |             | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 98-86-2    | Acetophenone                | ND          |             | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 62-53-3    | Aniline                     | ND          | ICVE        | ug/kg dry | 116                 | 231  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 120-12-7   | Anthracene                  | ND          |             | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 1912-24-9  | Atrazine                    | ND          |             | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 100-52-7   | Benzaldehyde                | ND          |             | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 92-87-5    | Benzidine                   | ND          |             | ug/kg dry | 116                 | 231  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 56-55-3    | <b>Benzo(a)anthracene</b>   | <b>30.5</b> | <b>J</b>    | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |



### Sample Information

**Client Sample ID:** WC-8

**York Sample ID:** 24D1795-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                   | Result      | Flag    | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------|-------------|---------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 50-32-8  | Benzo(a)pyrene              | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 205-99-2 | <b>Benzo(b)fluoranthene</b> | <b>36.5</b> | J       | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 191-24-2 | Benzo(g,h,i)perylene        | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 207-08-9 | Benzo(k)fluoranthene        | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 65-85-0  | Benzoic acid                | ND          | CAL-E   | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 100-51-6 | Benzyl alcohol              | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 85-68-7  | Benzyl butyl phthalate      | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 111-91-1 | Bis(2-chloroethoxy)methane  | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 111-44-4 | Bis(2-chloroethyl)ether     | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 117-81-7 | Bis(2-ethylhexyl)phthalate  | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 105-60-2 | Caprolactam                 | ND          |         | ug/kg dry | 57.8                | 115  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 86-74-8  | Carbazole                   | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 218-01-9 | <b>Chrysene</b>             | <b>40.6</b> | J, CCVE | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 53-70-3  | Dibenzo(a,h)anthracene      | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 132-64-9 | Dibenzofuran                | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 84-66-2  | Diethyl phthalate           | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 131-11-3 | Dimethyl phthalate          | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 84-74-2  | Di-n-butyl phthalate        | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 117-84-0 | Di-n-octyl phthalate        | ND          | CAL-E   | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 122-39-4 | * Diphenylamine             | ND          |         | ug/kg dry | 57.8                | 115  | 1        | EPA 8270E<br>Certifications:  | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 206-44-0 | Fluoranthene                | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 86-73-7  | Fluorene                    | ND          |         | ug/kg dry | 28.9                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |



### Sample Information

**Client Sample ID:** WC-8

**York Sample ID:** 24D1795-15

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                             | Result        | Flag       | Units     | Reported to LOD/MDL     | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------------|---------------|------------|-----------|-------------------------|------|----------|---|--------------------|--------------------|---------|
| 118-74-1                    | Hexachlorobenzene                     | ND            |            | ug/kg dry | 28.9                    | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 87-68-3                     | Hexachlorobutadiene                   | ND            | CCVE       | ug/kg dry | 28.9                    | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 77-47-4                     | Hexachlorocyclopentadiene             | ND            | CCVE, ICVE | ug/kg dry | 28.9                    | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 67-72-1                     | Hexachloroethane                      | ND            |            | ug/kg dry | 28.9                    | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 193-39-5                    | Indeno(1,2,3-cd)pyrene                | ND            |            | ug/kg dry | 28.9                    | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 78-59-1                     | Isophorone                            | ND            |            | ug/kg dry | 28.9                    | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 91-20-3                     | Naphthalene                           | ND            |            | ug/kg dry | 28.9                    | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 98-95-3                     | Nitrobenzene                          | ND            |            | ug/kg dry | 28.9                    | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 62-75-9                     | N-Nitrosodimethylamine                | ND            | CAL-E      | ug/kg dry | 28.9                    | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 621-64-7                    | N-nitroso-di-n-propylamine            | ND            |            | ug/kg dry | 28.9                    | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 86-30-6                     | N-Nitrosodiphenylamine                | ND            | CCVE       | ug/kg dry | 28.9                    | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 87-86-5                     | Pentachlorophenol                     | ND            | CCVE       | ug/kg dry | 28.9                    | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 85-01-8                     | Phenanthrene                          | ND            |            | ug/kg dry | 28.9                    | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 108-95-2                    | Phenol                                | ND            |            | ug/kg dry | 28.9                    | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| 129-00-0                    | Pyrene                                | ND            |            | ug/kg dry | 28.9                    | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 18:46   | SS      |
| <b>Surrogate Recoveries</b> |                                       | <b>Result</b> |            |           | <b>Acceptance Range</b> |      |          |   |                    |                    |         |
| 13127-88-3                  | Surrogate: SURR: Phenol-d6            | 75.9 %        |            |           | 23-114                  |      |          |   |                    |                    |         |
| 4165-60-0                   | Surrogate: SURR: Nitrobenzene-d5      | 75.3 %        |            |           | 22-108                  |      |          |   |                    |                    |         |
| 321-60-8                    | Surrogate: SURR: 2-Fluorobiphenyl     | 65.6 %        |            |           | 21-113                  |      |          |   |                    |                    |         |
| 118-79-6                    | Surrogate: SURR: 2,4,6-Tribromophenol | 59.4 %        |            |           | 19-110                  |      |          |   |                    |                    |         |
| 1718-51-0                   | Surrogate: SURR: Terphenyl-d14        | 72.6 %        |            |           | 24-116                  |      |          |   |                    |                    |         |

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.  | Parameter             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------|--------|------|-------|---------------------|------|----------|--|--------------------|--------------------|---------|
| 106-46-7 | 1,4-Dichlorobenzene   | ND     |      | ug/L  | 6.45                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 05/01/2024 08:16   | 05/02/2024 16:46   | SS      |
| 95-95-4  | 2,4,5-Trichlorophenol | ND     |      | ug/L  | 7.22                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:46   | SS      |



### Sample Information

**Client Sample ID:** WC-8

**York Sample ID:** 24D1795-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.    | Parameter                             | Result        | Flag | Units | Reported to LOD/MDL     | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------------------|---------------|------|-------|-------------------------|------|----------|--|--------------------|--------------------|---------|
| 88-06-2    | 2,4,6-Trichlorophenol                 | ND            |      | ug/L  | 6.54                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:46   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene                    | ND            |      | ug/L  | 4.73                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:46   | SS      |
| 95-48-7    | 2-Methylphenol                        | ND            |      | ug/L  | 1.71                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:46   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols                  | ND            |      | ug/L  | 7.43                    | 20.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:46   | SS      |
| 1319-77-3  | Cresols, total                        | ND            |      | ug/L  | 7.40                    | 30.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854                          | 05/01/2024 08:16   | 05/02/2024 16:46   | SS      |
| 118-74-1   | Hexachlorobenzene                     | ND            |      | ug/L  | 5.91                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:46   | SS      |
| 87-68-3    | Hexachlorobutadiene                   | ND            |      | ug/L  | 6.62                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:46   | SS      |
| 67-72-1    | Hexachloroethane                      | ND            |      | ug/L  | 7.26                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:46   | SS      |
| 98-95-3    | Nitrobenzene                          | ND            |      | ug/L  | 3.93                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:46   | SS      |
| 87-86-5    | Pentachlorophenol                     | ND            |      | ug/L  | 7.53                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:46   | SS      |
| 110-86-1   | Pyridine                              | ND            |      | ug/L  | 6.37                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 16:46   | SS      |
|            | <b>Surrogate Recoveries</b>           | <b>Result</b> |      |       | <b>Acceptance Range</b> |      |          |  |                    |                    |         |
| 367-12-4   | Surrogate: SURR: 2-Fluorophenol       | 62.7 %        |      |       | 10-90.9                 |      |          |  |                    |                    |         |
| 13127-88-3 | Surrogate: SURR: Phenol-d6            | 44.8 %        |      |       | 10-69.2                 |      |          |  |                    |                    |         |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5      | 87.4 %        |      |       | 19.2-141                |      |          |  |                    |                    |         |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl     | 75.6 %        |      |       | 24.8-127                |      |          |  |                    |                    |         |
| 118-79-6   | Surrogate: SURR: 2,4,6-Tribromophenol | 151 %         |      |       | 23-163                  |      |          |  |                    |                    |         |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14        | 80.3 %        |      |       | 25.8-110                |      |          |  |                    |                    |         |

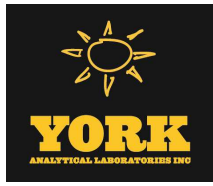
**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 72-54-8  | 4,4'-DDD  | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 72-55-9  | 4,4'-DDE  | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 50-29-3  | 4,4'-DDT  | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 309-00-2 | Aldrin    | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 319-84-6 | alpha-BHC | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |



### Sample Information

**Client Sample ID:** WC-8

**York Sample ID:** 24D1795-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter           | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 5103-71-9  | alpha-Chlordane     | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 319-85-7   | beta-BHC            | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 57-74-9    | Chlordane, total    | ND     |      | ug/kg dry | 46.0            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 319-86-8   | delta-BHC           | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 60-57-1    | Dieldrin            | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 959-98-8   | Endosulfan I        | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 33213-65-9 | Endosulfan II       | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 1031-07-8  | Endosulfan sulfate  | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 72-20-8    | Endrin              | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 7421-93-4  | Endrin aldehyde     | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 53494-70-5 | Endrin ketone       | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 58-89-9    | gamma-BHC (Lindane) | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 5566-34-7  | gamma-Chlordane     | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 76-44-8    | Heptachlor          | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 1024-57-3  | Heptachlor epoxide  | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 72-43-5    | Methoxychlor        | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |
| 8001-35-2  | Toxaphene           | ND     |      | ug/kg dry | 230             | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:09   | NF      |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|           |                                 |        |
|-----------|---------------------------------|--------|
| 2051-24-3 | Surrogate: Decachlorobiphenyl   | 83.2 % |
| 877-09-8  | Surrogate: Tetrachloro-m-xylene | 79.3 % |

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No. | Parameter        | Result | Flag | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------------|--------|------|-------|---------------------|--------|----------|--|--------------------|--------------------|---------|
| 57-74-9 | Chlordane, total | ND     |      | ug/L  | 0.222               | 0.222  | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:38   | TAH     |
| 72-20-8 | Endrin           | ND     |      | ug/L  | 0.0444              | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:38   | TAH     |



### Sample Information

**Client Sample ID:** WC-8

**York Sample ID:** 24D1795-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No.                     | Parameter                       | Result        | Flag | Units | Reported to LOD/MDL     | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-------|-------------------------|--------|----------|--|--------------------|--------------------|---------|
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:38   | TAH     |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:38   | TAH     |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:38   | TAH     |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:38   | TAH     |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/L  | 1.11                    | 1.11   | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:38   | TAH     |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |       | <b>Acceptance Range</b> |        |          |  |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 63.2 %        |      |       | 30-120                  |        |          |  |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 54.1 %        |      |       | 30-120                  |        |          |  |                    |                    |         |

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

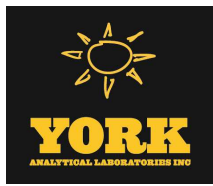
Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag | Units     | Reported to LOQ         | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |  |
|-----------------------------|---------------------------------|---------------|------|-----------|-------------------------|----------|---|--------------------|--------------------|---------|--|
| 12674-11-2                  | Aroclor 1016                    | ND            |      | mg/kg dry | 0.0232                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:07   | NF      |  |
| 11104-28-2                  | Aroclor 1221                    | ND            |      | mg/kg dry | 0.0232                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:07   | NF      |  |
| 11141-16-5                  | Aroclor 1232                    | ND            |      | mg/kg dry | 0.0232                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:07   | NF      |  |
| 53469-21-9                  | Aroclor 1242                    | ND            |      | mg/kg dry | 0.0232                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:07   | NF      |  |
| 12672-29-6                  | Aroclor 1248                    | ND            |      | mg/kg dry | 0.0232                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:07   | NF      |  |
| 11097-69-1                  | Aroclor 1254                    | ND            |      | mg/kg dry | 0.0232                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:07   | NF      |  |
| 11096-82-5                  | Aroclor 1260                    | ND            |      | mg/kg dry | 0.0232                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:07   | NF      |  |
| 37324-23-5                  | Aroclor 1262                    | ND            |      | mg/kg dry | 0.0232                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 04:07   | NF      |  |
| 11100-14-4                  | Aroclor 1268                    | ND            |      | mg/kg dry | 0.0232                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 04:07   | NF      |  |
| 1336-36-3                   | * Total PCBs                    | ND            |      | mg/kg dry | 0.0232                  | 1        | EPA 8082A<br>Certifications:  | 04/27/2024 07:18   | 04/29/2024 04:07   | NF      |  |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |   |                    |                    |         |  |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 68.0 %        |      |           | 30-140                  |          |   |                    |                    |         |  |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 66.5 %        |      |           | 30-140                  |          |   |                    |                    |         |  |

**Herbicides, Target List**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** WC-8

**York Sample ID:** 24D1795-15

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

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            |                         | ug/kg dry | 27.9            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 23:02   | BCJ     |
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/kg dry | 27.9            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 23:02   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/kg dry | 27.9            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 23:02   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 73.6 %        | 21-150                  |           |                 |          |   |                    |                    |         |

**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| CAS No.                     | Parameter                                       | Result        | Flag                    | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------------------------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 08:47   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 08:47   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |       |                 |          |  |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 74.2 %        | 10-150                  |       |                 |          |  |                    |                    |         |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

**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 |
|-----------------------------|-------------------------------|---------------|-------------------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
|                             | * Total EPH                   | ND            |                         | mg/kg dry | 67.9            | 1        | NJDEP EPH Rev 3.0<br>Certifications: NJDEP-CT005 | 04/29/2024 08:23   | 04/30/2024 12:12   | GXB     |
| <b>Surrogate Recoveries</b> |                               | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |  |                    |                    |         |
| 3386-33-2                   | Surrogate: 1-Chlorooctadecane | 53.2 %        | 31.6-128                |           |                 |          |  |                    |                    |         |
| 84-15-1                     | Surrogate: o-Terphenyl        | 54.1 %        | 28.7-124                |           |                 |          |  |                    |                    |         |

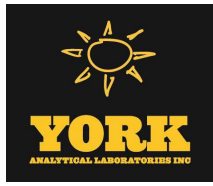
**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 3550   |      | mg/kg dry | 5.83            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7440-36-0 | Antimony  | ND     |      | mg/kg dry | 2.91            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7440-38-2 | Arsenic   | 2.94   |      | mg/kg dry | 1.75            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7440-39-3 | Barium    | 14.9   |      | mg/kg dry | 2.91            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |



### Sample Information

**Client Sample ID:** WC-8

**York Sample ID:** 24D1795-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter        | Result      | Flag          | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|------------------|-------------|---------------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-41-7 | Beryllium        | ND          |               | mg/kg dry | 0.059           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7440-43-9 | Cadmium          | ND          |               | mg/kg dry | 0.350           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7440-70-2 | <b>Calcium</b>   | <b>1110</b> |               | mg/kg dry | 5.83            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7440-47-3 | <b>Chromium</b>  | <b>10.1</b> |               | mg/kg dry | 0.583           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7440-48-4 | <b>Cobalt</b>    | <b>3.41</b> |               | mg/kg dry | 0.466           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7440-50-8 | <b>Copper</b>    | <b>9.55</b> |               | mg/kg dry | 2.33            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7439-89-6 | <b>Iron</b>      | <b>6890</b> |               | mg/kg dry | 29.1            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7439-92-1 | <b>Lead</b>      | <b>10.9</b> |               | mg/kg dry | 0.583           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7439-95-4 | <b>Magnesium</b> | <b>1590</b> |               | mg/kg dry | 5.83            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7439-96-5 | <b>Manganese</b> | <b>105</b>  |               | mg/kg dry | 0.583           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7440-02-0 | <b>Nickel</b>    | <b>19.4</b> |               | mg/kg dry | 1.16            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7440-09-7 | <b>Potassium</b> | <b>701</b>  | M-CCV<br>1, B | mg/kg dry | 5.83            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7782-49-2 | Selenium         | ND          |               | mg/kg dry | 2.91            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7440-22-4 | Silver           | ND          |               | mg/kg dry | 0.588           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7440-23-5 | <b>Sodium</b>    | <b>298</b>  |               | mg/kg dry | 58.3            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7440-62-2 | <b>Vanadium</b>  | <b>10.6</b> |               | mg/kg dry | 1.16            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |
| 7440-66-6 | <b>Zinc</b>      | <b>34.7</b> |               | mg/kg dry | 2.90            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:52   | AGNR    |

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-38-2 | Arsenic   | ND     |      | mg/L  | 0.375           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:14   | AGNR    |
| 7440-39-3 | Barium    | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:14   | AGNR    |
| 7440-43-9 | Cadmium   | ND     |      | mg/L  | 0.075           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:14   | AGNR    |





### Sample Information

**Client Sample ID:** WC-8

**York Sample ID:** 24D1795-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter   | Result       | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-------------|--------------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-47-3 | Chromium    | ND           |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:14   | AGNR    |
| 7439-92-1 | <b>Lead</b> | <b>0.140</b> |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:14   | AGNR    |
| 7782-49-2 | Selenium    | ND           |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:14   | AGNR    |
| 7440-22-4 | Silver      | ND           |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:14   | AGNR    |

**Thallium by EPA 6020**

**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 |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 0.117           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 08:56   | 05/01/2024 12:23   | AJL     |

**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 | 0.0420          | 1        | EPA 7473<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044 | 05/01/2024 09:05   | 05/01/2024 16:18   | DRS     |

**Mercury, TCLP**

**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  | 0.000200        | 1        | EPA 7470/1311<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108 | 05/01/2024 08:13   | 05/01/2024 08:13   | PFA     |

**Chloride, SPLP**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 300/1312

| CAS No.    | Parameter       | Result      | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------|-------------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 16887-00-6 | <b>Chloride</b> | <b>65.5</b> |      | mg/L  | 5.00            | 10       | EPA 300.0<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005 | 05/02/2024 12:16   | 05/02/2024 12:16   | NJO     |

**Chromium, Hexavalent**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

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



### Sample Information

**Client Sample ID:** WC-8

**York Sample ID:** 24D1795-15

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Chromium, Hexavalent**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

| CAS No.    | Parameter            | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|----------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 18540-29-9 | Chromium, Hexavalent | ND     |      | mg/kg dry | 0.699           | 1        | EPA 7196A<br>Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044 | 05/01/2024 11:15   | 05/01/2024 16:49   | JAMT    |

**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 |
|---------|-----------|--------|------|----------|-----------------|----------|---|--------------------|--------------------|---------|
|         | pH        | 7.32   |      | pH units | 0.500           | 1        | EPA 9045D<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

| CAS No. | Parameter      | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|----------------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 57-12-5 | Cyanide, total | ND     |      | mg/kg dry | 0.699           | 1        | EPA 9014/9010C<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 05/01/2024 07:15   | 05/01/2024 16:00   | PMB     |

**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/kg | 0.250           | 1        | EPA SW-846 Ch.7.3.3<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:52   | 04/29/2024 23:31   | SL      |

**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 | 48.0   |      | mg/kg | 15.0            | 1        | EPA SW-846 Ch.7.3.4<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:54   | 04/29/2024 23:39   | SL      |

**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 | 23.5   |      | °C    | 1.00            | 1        | EPA 170.1<br>Certifications: | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |

**Ignitability**

**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 |
|---------|----------------|------------|------|-------|-----------------|----------|------------------------------|--------------------|--------------------|---------|
|         | * Ignitability | Non-Ignit. |      | None  | 1               | 1        | EPA 1030P<br>Certifications: | 04/28/2024 06:49   | 04/28/2024 07:35   | CAM2    |



Sample Information

Client Sample ID: WC-8

York Sample ID: 24D1795-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Paint Filter Test

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: Paint Filter Test, No Free Liquid, None, 0.05, 1, EPA 9095B, 04/29/2024 09:21, 04/29/2024 10:55, JAMT.

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, \* % Solids, 71.5, %, 0.100, 1, SM 2540G, 04/29/2024 12:55, 04/29/2024 14:51, HLY.

SPLP Extraction for WET CHEM EPA 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: SPLP Extraction, Completed, N/A, 1.00, 1, EPA 1312, 04/28/2024 15:55, 04/29/2024 17:50, TAJ.

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:50, 04/28/2024 11:08, CAM2.

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:54, 04/28/2024 11:15, CAM2.

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:58, 04/28/2024 11:12, CAM2.

Sample Information

Client Sample ID: WC-8 (g)

York Sample ID: 24D1795-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024



### Sample Information

**Client Sample ID:** WC-8 (g)

**York Sample ID:** 24D1795-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter   | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/kg dry | 58                  | 120 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 78-93-3  | 2-Butanone  | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |



### Sample Information

**Client Sample ID:** WC-8 (g)

**York Sample ID:** 24D1795-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.    | Parameter                 | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 67-64-1    | Acetone                   | ND     | ICVE | ug/kg dry | 5.8                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 107-02-8   | Acrolein                  | ND     |      | ug/kg dry | 5.8                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 71-43-2    | Benzene                   | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 75-25-2    | Bromoform                 | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 74-83-9    | Bromomethane              | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 75-00-3    | Chloroethane              | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 67-66-3    | Chloroform                | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 74-87-3    | Chloromethane             | ND     | CCVE | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 110-82-7   | Cyclohexane               | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 74-95-3    | Dibromomethane            | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 75-71-8    | Dichlorodifluoromethane   | ND     | CCVE | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 98-82-8    | Isopropylbenzene          | ND     |      | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |



### Sample Information

**Client Sample ID:** WC-8 (g)

**York Sample ID:** 24D1795-16

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.     | Parameter                      | Result | Flag                    | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-------------|--------------------------------|--------|-------------------------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 79-20-9     | Methyl acetate                 | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 108-87-2    | Methylcyclohexane              | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 75-09-2     | Methylene chloride             | ND     |                         | ug/kg dry | 5.8                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 104-51-8    | n-Butylbenzene                 | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 103-65-1    | n-Propylbenzene                | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 95-47-6     | o-Xylene                       | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 179601-23-1 | p- & m- Xylenes                | ND     | QL-02                   | ug/kg dry | 5.8                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 99-87-6     | p-Isopropyltoluene             | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 135-98-8    | sec-Butylbenzene               | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 100-42-5    | Styrene                        | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 98-06-6     | tert-Butylbenzene              | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 127-18-4    | Tetrachloroethylene            | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 108-88-3    | Toluene                        | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 110-57-6    | * trans-1,4-dichloro-2-butene  | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 79-01-6     | Trichloroethylene              | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 75-69-4     | Trichlorofluoromethane         | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 75-01-4     | Vinyl Chloride                 | ND     |                         | ug/kg dry | 2.9                 | 5.8 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |
| 1330-20-7   | Xylenes, Total                 | ND     |                         | ug/kg dry | 8.7                 | 17  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:20   | BMT     |

Surrogate Recoveries

Result

Acceptance Range



### Sample Information

**Client Sample ID:** WC-8 (g)

**York Sample ID:** 24D1795-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.    | Parameter                                  | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|--|--------|------|-------|---------------------|-----|----------|------------------|--------------------|--------------------|---------|
| 17060-07-0 | Surrogate: SURRE:<br>1,2-Dichloroethane-d4 | 106 %  |      |       | 77-125              |     |          |                  |                    |                    |         |
| 2037-26-5  | Surrogate: SURRE: Toluene-d8               | 96.6 % |      |       | 85-120              |     |          |                  |                    |                    |         |
| 460-00-4   | Surrogate: SURRE:<br>p-Bromofluorobenzene  | 104 %  |      |       | 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 | 75.4   |      | %     | 0.100           | 1        | SM 2540G         | 04/29/2024 12:55   | 04/29/2024 14:51   | HLY     |  |
| Certifications: |            |        |      |       |                 |          |                  | CTDOH-PH-0723      |                    |         |  |

### Sample Information

**Client Sample ID:** WC-9

**York Sample ID:** 24D1795-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

| CAS No.         | Parameter            | Result | Flag  | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method                                   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------|----------------------|--------|-------|-------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-35-4         | 1,1-Dichloroethylene | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/30/2024 00:00   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 107-06-2        | 1,2-Dichloroethane   | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/30/2024 00:00   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 106-46-7        | 1,4-Dichlorobenzene  | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/30/2024 00:00   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 78-93-3         | 2-Butanone           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/30/2024 00:00   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 71-43-2         | Benzene              | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/30/2024 00:00   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 56-23-5         | Carbon tetrachloride | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/30/2024 00:00   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 108-90-7        | Chlorobenzene        | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/30/2024 00:00   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 67-66-3         | Chloroform           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/30/2024 00:00   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 127-18-4        | Tetrachloroethylene  | ND     | QL-02 | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 04/29/2024 12:30   | 04/30/2024 00:00   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |



### Sample Information

**Client Sample ID:** WC-9

**York Sample ID:** 24D1795-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

| CAS No.                     | Parameter   | Result        | Flag | Units | Reported to LOD/MDL     | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|------|-------|-------------------------|-----|----------|--|--------------------|--------------------|---------|
| 79-01-6                     | Trichloroethylene                                       | ND            |      | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/29/2024 12:30   | 04/30/2024 00:00   | BMT     |
| 75-01-4                     | Vinyl Chloride  | ND            |      | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 04/29/2024 12:30   | 04/30/2024 00:00   | BMT     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> |      |       | <b>Acceptance Range</b> |     |          |  |                    |                    |         |
| 17060-07-0                  | Surrogate: <i>SURR:</i><br><i>1,2-Dichloroethane-d4</i> | 98.8 %        |      |       | 77-125                  |     |          |  |                    |                    |         |
| 460-00-4                    | Surrogate: <i>SURR:</i><br><i>p-Bromofluorobenzene</i>  | 100 %         |      |       | 84.2-124                |     |          |  |                    |                    |         |
| 2037-26-5                   | Surrogate: <i>SURR:</i> <i>Toluene-d8</i>               | 96.8 %        |      |       | 85-120                  |     |          |  |                    |                    |         |

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                             | Result | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---------------------------------------|--------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-52-4  | 1,1-Biphenyl                          | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND     | CCVE  | ug/kg dry | 52.4                | 105  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND     | CCVE  | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                   | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                   | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol             | ND     | CCVE  | ug/kg dry | 52.4                | 105  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 95-95-4  | 2,4,5-Trichlorophenol                 | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 88-06-2  | 2,4,6-Trichlorophenol                 | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 120-83-2 | 2,4-Dichlorophenol                    | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 105-67-9 | 2,4-Dimethylphenol                    | ND     | ICVE  | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 51-28-5  | 2,4-Dinitrophenol                     | ND     | CAL-E | ug/kg dry | 52.4                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 121-14-2 | 2,4-Dinitrotoluene                    | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 606-20-2 | 2,6-Dinitrotoluene                    | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |





### Sample Information

**Client Sample ID:** WC-9

**York Sample ID:** 24D1795-17

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                   | Result | Flag        | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------------|--------|-------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 91-58-7    | 2-Chloronaphthalene         | ND     |             | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 95-57-8    | 2-Chlorophenol              | ND     |             | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 91-57-6    | 2-Methylnaphthalene         | ND     |             | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 95-48-7    | 2-Methylphenol              | ND     |             | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 88-74-4    | 2-Nitroaniline              | ND     |             | ug/kg dry | 52.4                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 88-75-5    | 2-Nitrophenol               | ND     |             | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols        | ND     | CAL-E       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |             | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 99-09-2    | 3-Nitroaniline              | ND     |             | ug/kg dry | 52.4                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     | CAL-E, CCVE | ug/kg dry | 52.4                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     | CCVE        | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |             | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 106-47-8   | 4-Chloroaniline             | ND     |             | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |             | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 100-01-6   | 4-Nitroaniline              | ND     |             | ug/kg dry | 52.4                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 100-02-7   | 4-Nitrophenol               | ND     |             | ug/kg dry | 52.4                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 83-32-9    | Acenaphthene                | ND     |             | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 208-96-8   | Acenaphthylene              | ND     |             | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 98-86-2    | Acetophenone                | ND     |             | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 62-53-3    | Aniline                     | ND     | ICVE        | ug/kg dry | 105                 | 210  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 120-12-7   | Anthracene                  | ND     |             | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 1912-24-9  | Atrazine                    | ND     |             | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 100-52-7   | Benzaldehyde                | ND     |             | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |



### Sample Information

**Client Sample ID:** WC-9

**York Sample ID:** 24D1795-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

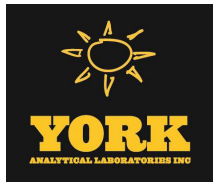
**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                   | Result | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------|--------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-87-5  | Benzidine                   | ND     |       | ug/kg dry | 105                 | 210  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 56-55-3  | Benzo(a)anthracene          | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 50-32-8  | Benzo(a)pyrene              | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 205-99-2 | Benzo(b)fluoranthene        | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 191-24-2 | Benzo(g,h,i)perylene        | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 207-08-9 | Benzo(k)fluoranthene        | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 65-85-0  | Benzoic acid                | ND     | CAL-E | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 100-51-6 | Benzyl alcohol              | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 85-68-7  | Benzyl butyl phthalate      | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 111-91-1 | Bis(2-chloroethoxy)methane  | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 111-44-4 | Bis(2-chloroethyl)ether     | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 117-81-7 | Bis(2-ethylhexyl)phthalate  | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 105-60-2 | Caprolactam                 | ND     |       | ug/kg dry | 52.4                | 105  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 86-74-8  | Carbazole                   | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 218-01-9 | Chrysene                    | ND     | CCVE  | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 53-70-3  | Dibenzo(a,h)anthracene      | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 132-64-9 | Dibenzofuran                | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 84-66-2  | Diethyl phthalate           | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 131-11-3 | Dimethyl phthalate          | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 84-74-2  | Di-n-butyl phthalate        | ND     |       | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 117-84-0 | Di-n-octyl phthalate        | ND     | CAL-E | ug/kg dry | 26.3                | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 122-39-4 | * Diphenylamine             | ND     |       | ug/kg dry | 52.4                | 105  | 1        | EPA 8270E<br>Certifications:  | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |



### Sample Information

**Client Sample ID:** WC-9

**York Sample ID:** 24D1795-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                         | Result        | Flag       | Units     | Reported to LOD/MDL     | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|-----------------------------------|---------------|------------|-----------|-------------------------|------|----------|---|--------------------|--------------------|---------|
| 206-44-0                    | Fluoranthene                      | ND            |            | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 86-73-7                     | Fluorene                          | ND            |            | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 118-74-1                    | Hexachlorobenzene                 | ND            |            | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 87-68-3                     | Hexachlorobutadiene               | ND            | CCVE       | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 77-47-4                     | Hexachlorocyclopentadiene         | ND            | CCVE, ICVE | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 67-72-1                     | Hexachloroethane                  | ND            |            | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 193-39-5                    | Indeno(1,2,3-cd)pyrene            | ND            |            | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 78-59-1                     | Isophorone                        | ND            |            | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 91-20-3                     | Naphthalene                       | ND            |            | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 98-95-3                     | Nitrobenzene                      | ND            |            | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 62-75-9                     | N-Nitrosodimethylamine            | ND            | CAL-E      | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 621-64-7                    | N-nitroso-di-n-propylamine        | ND            |            | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 86-30-6                     | N-Nitrosodiphenylamine            | ND            | CCVE       | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 87-86-5                     | Pentachlorophenol                 | ND            | CCVE       | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 85-01-8                     | Phenanthrene                      | ND            |            | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 108-95-2                    | Phenol                            | ND            |            | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| 129-00-0                    | Pyrene                            | ND            |            | ug/kg dry | 26.3                    | 52.4 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:14   | SS      |
| <b>Surrogate Recoveries</b> |                                   | <b>Result</b> |            |           | <b>Acceptance Range</b> |      |          |   |                    |                    |         |
| 4165-60-0                   | Surrogate: SURR: Nitrobenzene-d5  | 100 %         |            |           | 22-108                  |      |          |   |                    |                    |         |
| 321-60-8                    | Surrogate: SURR: 2-Fluorobiphenyl | 85.9 %        |            |           | 21-113                  |      |          |   |                    |                    |         |
| 1718-51-0                   | Surrogate: SURR: Terphenyl-d14    | 96.4 %        |            |           | 24-116                  |      |          |   |                    |                    |         |

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.  | Parameter           | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---------------------|--------|------|-------|---------------------|------|----------|--|--------------------|--------------------|---------|
| 106-46-7 | 1,4-Dichlorobenzene | ND     |      | ug/L  | 6.45                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: NELAC-NY10854,PADEP-68-04440 | 05/01/2024 08:16   | 05/02/2024 17:18   | SS      |



### Sample Information

**Client Sample ID:** WC-9

**York Sample ID:** 24D1795-17

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.    | Parameter                                | Result        | Flag | Units | Reported to LOD/MDL     | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|--|---------------|------|-------|-------------------------|------|----------|--|--------------------|--------------------|---------|
| 95-95-4    | 2,4,5-Trichlorophenol                    | ND            |      | ug/L  | 7.22                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 17:18   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol                    | ND            |      | ug/L  | 6.54                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 17:18   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene                       | ND            |      | ug/L  | 4.73                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 17:18   | SS      |
| 95-48-7    | 2-Methylphenol                           | ND            |      | ug/L  | 1.71                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 17:18   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols                     | ND            |      | ug/L  | 7.43                    | 20.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 17:18   | SS      |
| 1319-77-3  | Cresols, total                           | ND            |      | ug/L  | 7.40                    | 30.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854                          | 05/01/2024 08:16   | 05/02/2024 17:18   | SS      |
| 118-74-1   | Hexachlorobenzene                        | ND            |      | ug/L  | 5.91                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 17:18   | SS      |
| 87-68-3    | Hexachlorobutadiene                      | ND            |      | ug/L  | 6.62                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 17:18   | SS      |
| 67-72-1    | Hexachloroethane                         | ND            |      | ug/L  | 7.26                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 17:18   | SS      |
| 98-95-3    | Nitrobenzene                             | ND            |      | ug/L  | 3.93                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 17:18   | SS      |
| 87-86-5    | Pentachlorophenol                        | ND            |      | ug/L  | 7.53                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 17:18   | SS      |
| 110-86-1   | Pyridine                                 | ND            |      | ug/L  | 6.37                    | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:16   | 05/02/2024 17:18   | SS      |
|            | <b>Surrogate Recoveries</b>              | <b>Result</b> |      |       | <b>Acceptance Range</b> |      |          |  |                    |                    |         |
| 367-12-4   | Surrogate: SURR: 2-Fluorophenol          | 65.8 %        |      |       | 10-90.9                 |      |          |  |                    |                    |         |
| 13127-88-3 | Surrogate: SURR: Phenol-d6               | 47.5 %        |      |       | 10-69.2                 |      |          |  |                    |                    |         |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5         | 91.6 %        |      |       | 19.2-141                |      |          |  |                    |                    |         |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl        | 79.0 %        |      |       | 24.8-127                |      |          |  |                    |                    |         |
| 118-79-6   | Surrogate: SURR:<br>2,4,6-Tribromophenol | 156 %         |      |       | 23-163                  |      |          |  |                    |                    |         |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14           | 85.6 %        |      |       | 25.8-110                |      |          |  |                    |                    |         |

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 72-54-8  | 4,4'-DDD  | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 72-55-9  | 4,4'-DDE  | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 50-29-3  | 4,4'-DDT  | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 309-00-2 | Aldrin    | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |



### Sample Information

**Client Sample ID:** WC-9

**York Sample ID:** 24D1795-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter           | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 319-84-6   | alpha-BHC           | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 5103-71-9  | alpha-Chlordane     | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 319-85-7   | beta-BHC            | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 57-74-9    | Chlordane, total    | ND     |      | ug/kg dry | 42.1            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 319-86-8   | delta-BHC           | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 60-57-1    | Dieldrin            | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 959-98-8   | Endosulfan I        | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 33213-65-9 | Endosulfan II       | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 1031-07-8  | Endosulfan sulfate  | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 72-20-8    | Endrin              | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 7421-93-4  | Endrin aldehyde     | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 53494-70-5 | Endrin ketone       | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 58-89-9    | gamma-BHC (Lindane) | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 5566-34-7  | gamma-Chlordane     | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 76-44-8    | Heptachlor          | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 1024-57-3  | Heptachlor epoxide  | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 72-43-5    | Methoxychlor        | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |
| 8001-35-2  | Toxaphene           | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:25   | NF      |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|           |                                 |        |  |  |  |  |  |  |  |  |
|-----------|---------------------------------|--------|--|--|--|--|--|--|--|--|
| 2051-24-3 | Surrogate: Decachlorobiphenyl   | 93.0 % |  |  |  |  |  |  |  |  |
| 877-09-8  | Surrogate: Tetrachloro-m-xylene | 100 %  |  |  |  |  |  |  |  |  |

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No. | Parameter        | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------------|--------|------|-------|---------------------|-------|----------|--|--------------------|--------------------|---------|
| 57-74-9 | Chlordane, total | ND     |      | ug/L  | 0.222               | 0.222 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:56   | TAH     |



### Sample Information

**Client Sample ID:** WC-9

**York Sample ID:** 24D1795-17

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No.                     | Parameter                       | Result        | Flag | Units | Reported to LOD/MDL     | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-------|-------------------------|--------|----------|--|--------------------|--------------------|---------|
| 72-20-8                     | Endrin                          | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:56   | TAH     |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:56   | TAH     |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:56   | TAH     |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:56   | TAH     |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/L  | 0.0444                  | 0.0444 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:56   | TAH     |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/L  | 1.11                    | 1.11   | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:25   | 05/02/2024 05:56   | TAH     |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |       | <b>Acceptance Range</b> |        |          |  |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 70.1 %        |      |       | 30-120                  |        |          |  |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 64.5 %        |      |       | 30-120                  |        |          |  |                    |                    |         |

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag | Units     | Reported to LOQ         | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |  |
|-----------------------------|---------------------------------|---------------|------|-----------|-------------------------|----------|---|--------------------|--------------------|---------|--|
| 12674-11-2                  | Aroclor 1016                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:20   | NF      |  |
| 11104-28-2                  | Aroclor 1221                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:20   | NF      |  |
| 11141-16-5                  | Aroclor 1232                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:20   | NF      |  |
| 53469-21-9                  | Aroclor 1242                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:20   | NF      |  |
| 12672-29-6                  | Aroclor 1248                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:20   | NF      |  |
| 11097-69-1                  | Aroclor 1254                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:20   | NF      |  |
| 11096-82-5                  | Aroclor 1260                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:20   | NF      |  |
| 37324-23-5                  | Aroclor 1262                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 04:20   | NF      |  |
| 11100-14-4                  | Aroclor 1268                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 04:20   | NF      |  |
| 1336-36-3                   | * Total PCBs                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications:  | 04/27/2024 07:18   | 04/29/2024 04:20   | NF      |  |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |   |                    |                    |         |  |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 77.5 %        |      |           | 30-140                  |          |   |                    |                    |         |  |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 80.0 %        |      |           | 30-140                  |          |   |                    |                    |         |  |



### Sample Information

**Client Sample ID:** WC-9

**York Sample ID:** 24D1795-17

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Herbicides, Target List**

**Log-in Notes:**

**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            |      | ug/kg dry               | 25.3            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 23:12   | BCJ     |
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |      | ug/kg dry               | 25.3            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 23:12   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |      | ug/kg dry               | 25.3            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 23:12   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> |      | <b>Acceptance Range</b> |                 |          |   |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 64.4 %        |      | 21-150                  |                 |          |   |                    |                    |         |

**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| CAS No.                     | Parameter                                       | Result        | Flag | Units                   | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|------|-------------------------|-----------------|----------|--|--------------------|--------------------|---------|
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |      | ug/L                    | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 08:58   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |      | ug/L                    | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 13:19   | 05/01/2024 08:58   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> |      | <b>Acceptance Range</b> |                 |          |  |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 58.6 %        |      | 10-150                  |                 |          |  |                    |                    |         |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

**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 |
|-----------------------------|-------------------------------|---------------|------|-------------------------|-----------------|----------|--|--------------------|--------------------|---------|
|                             | * Total EPH                   | ND            |      | mg/kg dry               | 63.4            | 1        | NJDEP EPH Rev 3.0<br>Certifications: NJDEP-CT005 | 04/29/2024 08:23   | 04/30/2024 12:43   | GXB     |
| <b>Surrogate Recoveries</b> |                               | <b>Result</b> |      | <b>Acceptance Range</b> |                 |          |  |                    |                    |         |
| 3386-33-2                   | Surrogate: 1-Chlorooctadecane | 71.8 %        |      | 31.6-128                |                 |          |  |                    |                    |         |
| 84-15-1                     | Surrogate: o-Terphenyl        | 73.3 %        |      | 28.7-124                |                 |          |  |                    |                    |         |

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 11600  |      | mg/kg dry | 5.34            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7440-36-0 | Antimony  | ND     |      | mg/kg dry | 2.67            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7440-38-2 | Arsenic   | 4.40   |      | mg/kg dry | 1.60            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |



### Sample Information

**Client Sample ID:** WC-9

**York Sample ID:** 24D1795-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag          | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|---------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-39-3 | Barium    | 63.6   |               | mg/kg dry | 2.67            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7440-41-7 | Beryllium | ND     |               | mg/kg dry | 0.054           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7440-43-9 | Cadmium   | 0.404  |               | mg/kg dry | 0.320           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7440-70-2 | Calcium   | 1440   |               | mg/kg dry | 5.34            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7440-47-3 | Chromium  | 18.9   |               | mg/kg dry | 0.534           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7440-48-4 | Cobalt    | 6.39   |               | mg/kg dry | 0.427           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7440-50-8 | Copper    | 18.2   |               | mg/kg dry | 2.14            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7439-89-6 | Iron      | 10400  |               | mg/kg dry | 26.7            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7439-92-1 | Lead      | 129    |               | mg/kg dry | 0.534           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7439-95-4 | Magnesium | 1930   |               | mg/kg dry | 5.34            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7439-96-5 | Manganese | 91.5   |               | mg/kg dry | 0.534           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7440-02-0 | Nickel    | 21.0   |               | mg/kg dry | 1.06            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7440-09-7 | Potassium | 829    | M-CCV<br>1, B | mg/kg dry | 5.34            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7782-49-2 | Selenium  | ND     |               | mg/kg dry | 2.67            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7440-22-4 | Silver    | ND     |               | mg/kg dry | 0.538           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7440-23-5 | Sodium    | 133    |               | mg/kg dry | 53.4            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7440-62-2 | Vanadium  | 22.9   |               | mg/kg dry | 1.06            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |
| 7440-66-6 | Zinc      | 65.8   |               | mg/kg dry | 2.66            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 13:55   | AGNR    |

**Metals, TCLP RCRA**

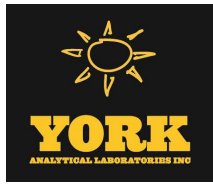
**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-38-2 | Arsenic   | ND     |      | mg/L  | 0.375           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 13:18   | AGNR    |
| 7440-39-3 | Barium    | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:01   | 05/01/2024 13:18   | AGNR    |





### Sample Information

Client Sample ID: WC-9

York Sample ID: 24D1795-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

#### Metals, TCLP RCRA

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter   | Result       | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-------------|--------------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-43-9 | Cadmium     | ND           |      | mg/L  | 0.075           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:18   | AGNR    |
| 7440-47-3 | Chromium    | ND           |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:18   | AGNR    |
| 7439-92-1 | <b>Lead</b> | <b>0.138</b> |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:18   | AGNR    |
| 7782-49-2 | Selenium    | ND           |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:18   | AGNR    |
| 7440-22-4 | Silver      | ND           |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:01   | 05/01/2024 13:18   | AGNR    |

#### Thallium by EPA 6020

#### 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 |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 0.107           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 08:56   | 05/01/2024 12:27   | AJL     |

#### 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 | 0.0384          | 1        | EPA 7473<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044 | 05/01/2024 09:05   | 05/01/2024 16:18   | DRS     |

#### Mercury, TCLP

#### 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  | 0.000200        | 1        | EPA 7470/1311<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108 | 05/01/2024 08:13   | 05/01/2024 08:13   | PFA     |

#### Chloride, SPLP

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 300/1312

| CAS No.    | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 16887-00-6 | Chloride  | 2.19   |      | mg/L  | 0.500           | 1        | EPA 300.0<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005 | 05/02/2024 13:59   | 05/02/2024 13:59   | NJO     |

#### Chromium, Hexavalent

#### Log-in Notes:

#### Sample Notes:



### Sample Information

**Client Sample ID:** WC-9

**York Sample ID:** 24D1795-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Sample Prepared by Method: EPA SW846-3060

| CAS No.    | Parameter            | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|----------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 18540-29-9 | Chromium, Hexavalent | ND     |      | mg/kg dry | 0.641           | 1        | EPA 7196A<br>Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044 | 05/01/2024 11:15   | 05/01/2024 16:49   | JAMT    |

**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 |
|---------|-----------|--------|------|----------|-----------------|----------|---|--------------------|--------------------|---------|
|         | pH        | 6.95   |      | pH units | 0.500           | 1        | EPA 9045D<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

| CAS No. | Parameter      | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|----------------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 57-12-5 | Cyanide, total | ND     |      | mg/kg dry | 0.641           | 1        | EPA 9014/9010C<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 05/01/2024 07:15   | 05/01/2024 16:00   | PMB     |

**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/kg | 0.250           | 1        | EPA SW-846 Ch.7.3.3<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:52   | 04/29/2024 23:31   | SL      |

**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 | 88.0   |      | mg/kg | 15.0            | 1        | EPA SW-846 Ch.7.3.4<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:54   | 04/29/2024 23:39   | SL      |

**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 | 23.4   |      | °C    | 1.00            | 1        | EPA 170.1<br>Certifications: | 04/29/2024 14:53   | 04/29/2024 19:24   | SMK     |

**Ignitability**

**Log-in Notes:**

**Sample Notes:**

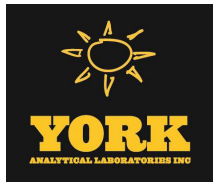
Sample Prepared by Method: Analysis Preparation

| CAS No. | Parameter      | Result     | Flag | Units | Reported to LOQ | Dilution | Reference Method             | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|----------------|------------|------|-------|-----------------|----------|------------------------------|--------------------|--------------------|---------|
|         | * Ignitability | Non-Ignit. |      | None  | 1               | 1        | EPA 1030P<br>Certifications: | 04/28/2024 06:49   | 04/28/2024 07:35   | CAM2    |

**Paint Filter Test**

**Log-in Notes:**

**Sample Notes:**



Sample Information

Client Sample ID: WC-9

York Sample ID: 24D1795-17

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: Paint Filter Test, No Free Liquid, None, 0.05, 1, EPA 9095B, 04/29/2024 09:21, 04/29/2024 10:55, JAMT

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: \* % Solids, 78.0, %, 0.100, 1, SM 2540G, 04/29/2024 12:55, 04/29/2024 14:51, HLY

SPLP Extraction for WET CHEM EPA 1312

Log-in Notes:

Sample Notes: EXT-Temp, WTCLP\_AMT

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: SPLP Extraction, Completed, N/A, 1.00, 1, EPA 1312, 05/01/2024 16:09, 05/02/2024 11:04, CAM2

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:50, 04/28/2024 11:08, CAM2

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:54, 04/28/2024 11:15, CAM2

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/27/2024 14:58, 04/28/2024 11:12, CAM2

Sample Information

Client Sample ID: WC-9 (g)

York Sample ID: 24D1795-18

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024



### Sample Information

**Client Sample ID:** WC-9 (g)

**York Sample ID:** 24D1795-18

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter   | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/kg dry | 53                  | 110 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 78-93-3  | 2-Butanone  | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |      | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |



### Sample Information

**Client Sample ID:** WC-9 (g)

**York Sample ID:** 24D1795-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.    | Parameter                 | Result | Flag    | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------|--------|---------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 67-64-1    | Acetone                   | 8.6    | ICVE, J | ug/kg dry | 5.3                 | 11  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 107-02-8   | Acrolein                  | ND     |         | ug/kg dry | 5.3                 | 11  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 107-13-1   | Acrylonitrile             | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 71-43-2    | Benzene                   | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 74-97-5    | Bromochloromethane        | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 75-27-4    | Bromodichloromethane      | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 75-25-2    | Bromoform                 | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 74-83-9    | Bromomethane              | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 75-15-0    | Carbon disulfide          | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 56-23-5    | Carbon tetrachloride      | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 108-90-7   | Chlorobenzene             | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 75-00-3    | Chloroethane              | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 67-66-3    | Chloroform                | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 74-87-3    | Chloromethane             | ND     | CCVE    | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 110-82-7   | Cyclohexane               | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 124-48-1   | Dibromochloromethane      | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 74-95-3    | Dibromomethane            | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 75-71-8    | Dichlorodifluoromethane   | ND     | CCVE    | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 100-41-4   | Ethyl Benzene             | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 87-68-3    | Hexachlorobutadiene       | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 98-82-8    | Isopropylbenzene          | ND     |         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |



### Sample Information

**Client Sample ID:** WC-9 (g)

**York Sample ID:** 24D1795-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

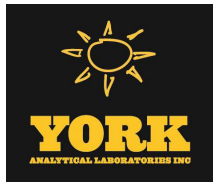
Sample Prepared by Method: EPA 5035A

| CAS No.     | Parameter                      | Result | Flag                    | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-------------|--------------------------------|--------|-------------------------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 79-20-9     | Methyl acetate                 | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 108-87-2    | Methylcyclohexane              | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 75-09-2     | Methylene chloride             | ND     |                         | ug/kg dry | 5.3                 | 11  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 104-51-8    | n-Butylbenzene                 | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 103-65-1    | n-Propylbenzene                | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 95-47-6     | o-Xylene                       | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 179601-23-1 | p- & m- Xylenes                | ND     | QL-02                   | ug/kg dry | 5.3                 | 11  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 99-87-6     | p-Isopropyltoluene             | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 135-98-8    | sec-Butylbenzene               | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 100-42-5    | Styrene                        | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 98-06-6     | tert-Butylbenzene              | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 127-18-4    | Tetrachloroethylene            | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 108-88-3    | Toluene                        | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 110-57-6    | * trans-1,4-dichloro-2-butene  | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 79-01-6     | Trichloroethylene              | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 75-69-4     | Trichlorofluoromethane         | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 75-01-4     | Vinyl Chloride                 | ND     |                         | ug/kg dry | 2.7                 | 5.3 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |
| 1330-20-7   | Xylenes, Total                 | ND     |                         | ug/kg dry | 8.0                 | 16  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 13:46   | BMT     |

Surrogate Recoveries

Result

Acceptance Range



### Sample Information

Client Sample ID: WC-9 (g)

York Sample ID: 24D1795-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

#### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

| CAS No.    | Parameter                                  | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|--|--------|------|-------|---------------------|-----|----------|------------------|--------------------|--------------------|---------|
| 17060-07-0 | Surrogate: SURRE:<br>1,2-Dichloroethane-d4 | 97.9 % |      |       | 77-125              |     |          |                  |                    |                    |         |
| 2037-26-5  | Surrogate: SURRE: Toluene-d8               | 97.5 % |      |       | 85-120              |     |          |                  |                    |                    |         |
| 460-00-4   | Surrogate: SURRE:<br>p-Bromofluorobenzene  | 103 %  |      |       | 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 | 78.0   |      | %     | 0.100           | 1        | SM 2540G         | 04/30/2024 19:32   | 04/30/2024 23:07   | SMK     |  |
| Certifications: |            |        |      |       |                 |          |                  | CTDOH-PH-0723      |                    |         |  |

### Sample Information

Client Sample ID: WC-10

York Sample ID: 24D1795-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

#### Volatile Organics, TCLP RCRA List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

| CAS No.         | Parameter            | Result | Flag  | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method                                   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------|----------------------|--------|-------|-------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-35-4         | 1,1-Dichloroethylene | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 10:56   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 107-06-2        | 1,2-Dichloroethane   | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 10:56   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 106-46-7        | 1,4-Dichlorobenzene  | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 10:56   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 78-93-3         | 2-Butanone           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 10:56   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 71-43-2         | Benzene              | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 10:56   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 56-23-5         | Carbon tetrachloride | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 10:56   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 108-90-7        | Chlorobenzene        | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 10:56   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 67-66-3         | Chloroform           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 10:56   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 127-18-4        | Tetrachloroethylene  | ND     | QL-02 | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 10:56   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |



Sample Information

Client Sample ID: WC-10

York Sample ID: 24D1795-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Trichloroethylene, Vinyl Chloride, and Surrogate Recoveries for Surr: 1,2-Dichloroethane-d4, p-Bromofluorobenzene, and Toluene-d8.

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1-Biphenyl, 1,2,4,5-Tetrachlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,2-Diphenylhydrazine (as Azobenzene), 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, and 2,6-Dinitrotoluene.





### Sample Information

**Client Sample ID:** WC-10

**York Sample ID:** 24D1795-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                   | Result      | Flag        | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------------|-------------|-------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 91-58-7    | 2-Chloronaphthalene         | ND          |             | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 95-57-8    | 2-Chlorophenol              | ND          |             | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 91-57-6    | 2-Methylnaphthalene         | ND          |             | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 95-48-7    | 2-Methylphenol              | ND          |             | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 88-74-4    | 2-Nitroaniline              | ND          |             | ug/kg dry | 62.9                | 126  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 88-75-5    | 2-Nitrophenol               | ND          |             | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols        | ND          | CAL-E       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND          |             | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 99-09-2    | 3-Nitroaniline              | ND          |             | ug/kg dry | 62.9                | 126  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND          | CAL-E, CCVE | ug/kg dry | 62.9                | 126  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND          | CCVE        | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND          |             | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 106-47-8   | 4-Chloroaniline             | ND          |             | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND          |             | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 100-01-6   | 4-Nitroaniline              | ND          |             | ug/kg dry | 62.9                | 126  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 100-02-7   | 4-Nitrophenol               | ND          |             | ug/kg dry | 62.9                | 126  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 83-32-9    | Acenaphthene                | ND          |             | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 208-96-8   | Acenaphthylene              | ND          |             | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 98-86-2    | <b>Acetophenone</b>         | <b>32.7</b> | J           | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 62-53-3    | Aniline                     | ND          | ICVE        | ug/kg dry | 126                 | 252  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 120-12-7   | Anthracene                  | ND          |             | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 1912-24-9  | Atrazine                    | ND          |             | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 100-52-7   | <b>Benzaldehyde</b>         | <b>44.8</b> | J           | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |



### Sample Information

**Client Sample ID:** WC-10

**York Sample ID:** 24D1795-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                         | Result      | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------------|-------------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-87-5  | Benzidine                         | ND          |       | ug/kg dry | 126                 | 252  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 56-55-3  | <b>Benzo(a)anthracene</b>         | <b>92.5</b> |       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 50-32-8  | <b>Benzo(a)pyrene</b>             | <b>83.0</b> |       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 205-99-2 | <b>Benzo(b)fluoranthene</b>       | <b>109</b>  |       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 191-24-2 | <b>Benzo(g,h,i)perylene</b>       | <b>105</b>  |       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 207-08-9 | <b>Benzo(k)fluoranthene</b>       | <b>34.7</b> | J     | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 65-85-0  | <b>Benzoic acid</b>               | <b>133</b>  | CAL-E | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 100-51-6 | Benzyl alcohol                    | ND          |       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 85-68-7  | <b>Benzyl butyl phthalate</b>     | <b>6510</b> |       | ug/kg dry | 158                 | 315  | 5        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 17:31   | SS      |
| 111-91-1 | Bis(2-chloroethoxy)methane        | ND          |       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 111-44-4 | Bis(2-chloroethyl)ether           | ND          |       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 108-60-1 | Bis(2-chloroisopropyl)ether       | ND          |       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 117-81-7 | <b>Bis(2-ethylhexyl)phthalate</b> | <b>8910</b> |       | ug/kg dry | 158                 | 315  | 5        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 17:31   | SS      |
| 105-60-2 | Caprolactam                       | ND          |       | ug/kg dry | 62.9                | 126  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 86-74-8  | Carbazole                         | ND          |       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 218-01-9 | <b>Chrysene</b>                   | <b>87.5</b> | CCVE  | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 53-70-3  | Dibenzo(a,h)anthracene            | ND          |       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 132-64-9 | Dibenzofuran                      | ND          |       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 84-66-2  | Diethyl phthalate                 | ND          |       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 131-11-3 | Dimethyl phthalate                | ND          |       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 84-74-2  | <b>Di-n-butyl phthalate</b>       | <b>359</b>  |       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 117-84-0 | Di-n-octyl phthalate              | ND          | CAL-E | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 122-39-4 | * Diphenylamine                   | ND          |       | ug/kg dry | 62.9                | 126  | 1        | EPA 8270E<br>Certifications:  | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |



### Sample Information

**Client Sample ID:** WC-10

**York Sample ID:** 24D1795-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

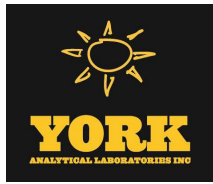
| CAS No.  | Parameter                     | Result      | Flag       | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-------------------------------|-------------|------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 206-44-0 | <b>Fluoranthene</b>           | <b>144</b>  |            | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 86-73-7  | Fluorene                      | ND          |            | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 118-74-1 | Hexachlorobenzene             | ND          |            | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 87-68-3  | Hexachlorobutadiene           | ND          | CCVE       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 77-47-4  | Hexachlorocyclopentadiene     | ND          | CCVE, ICVE | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 67-72-1  | Hexachloroethane              | ND          |            | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 193-39-5 | <b>Indeno(1,2,3-cd)pyrene</b> | <b>87.0</b> |            | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 78-59-1  | Isophorone                    | ND          |            | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 91-20-3  | Naphthalene                   | ND          |            | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 98-95-3  | Nitrobenzene                  | ND          |            | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 62-75-9  | N-Nitrosodimethylamine        | ND          | CAL-E      | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 621-64-7 | N-nitroso-di-n-propylamine    | ND          |            | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 86-30-6  | N-Nitrosodiphenylamine        | ND          | CCVE       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 87-86-5  | Pentachlorophenol             | ND          | CCVE       | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 85-01-8  | <b>Phenanthrene</b>           | <b>77.4</b> |            | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 108-95-2 | Phenol                        | ND          |            | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |
| 129-00-0 | <b>Pyrene</b>                 | <b>182</b>  |            | ug/kg dry | 31.5                | 62.9 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/02/2024 00:18   | SS      |

|            | Surrogate Recoveries                  | Result | Acceptance Range |
|------------|---------------------------------------|--------|------------------|
| 367-12-4   | Surrogate: SURR: 2-Fluorophenol       | 55.8 % | S-08 20-108      |
| 13127-88-3 | Surrogate: SURR: Phenol-d6            | 56.1 % | S-08 23-114      |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5      | 81.8 % | 22-108           |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl     | 74.6 % | 21-113           |
| 118-79-6   | Surrogate: SURR: 2,4,6-Tribromophenol | 70.0 % | 19-110           |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14        | 96.2 % | 24-116           |

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** WC-10

**York Sample ID:** 24D1795-19

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

Sample Prepared by Method: EPA 3510C/1311

| CAS No.    | Parameter             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------|--------|------|-------|---------------------|------|----------|--|--------------------|--------------------|---------|
| 106-46-7   | 1,4-Dichlorobenzene   | ND     |      | ug/L  | 3.23                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 05/02/2024 08:15   | 05/02/2024 15:16   | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol | ND     |      | ug/L  | 3.61                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:16   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol | ND     |      | ug/L  | 3.27                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:16   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene    | ND     |      | ug/L  | 2.37                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:16   | SS      |
| 95-48-7    | 2-Methylphenol        | ND     |      | ug/L  | 0.857               | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:16   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols  | ND     |      | ug/L  | 3.72                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:16   | SS      |
| 1319-77-3  | Cresols, total        | ND     |      | ug/L  | 3.70                | 15.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854                          | 05/02/2024 08:15   | 05/02/2024 15:16   | SS      |
| 118-74-1   | Hexachlorobenzene     | ND     |      | ug/L  | 2.96                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:16   | SS      |
| 87-68-3    | Hexachlorobutadiene   | ND     |      | ug/L  | 3.31                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:16   | SS      |
| 67-72-1    | Hexachloroethane      | ND     |      | ug/L  | 3.63                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:16   | SS      |
| 98-95-3    | Nitrobenzene          | ND     |      | ug/L  | 1.97                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:16   | SS      |
| 87-86-5    | Pentachlorophenol     | ND     |      | ug/L  | 3.76                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:16   | SS      |
| 110-86-1   | Pyridine              | ND     |      | ug/L  | 3.19                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:16   | SS      |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|            |                                       |        |          |
|------------|---------------------------------------|--------|----------|
| 367-12-4   | Surrogate: SURR: 2-Fluorophenol       | 51.5 % | 10-90.9  |
| 13127-88-3 | Surrogate: SURR: Phenol-d6            | 36.3 % | 10-69.2  |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5      | 65.6 % | 19.2-141 |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl     | 62.1 % | 24.8-127 |
| 118-79-6   | Surrogate: SURR: 2,4,6-Tribromophenol | 89.8 % | 23-163   |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14        | 77.6 % | 25.8-110 |

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 72-54-8  | 4,4'-DDD  | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 72-55-9  | 4,4'-DDE  | 3.89   |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 50-29-3  | 4,4'-DDT  | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 309-00-2 | Aldrin    | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |



### Sample Information

**Client Sample ID:** WC-10

**York Sample ID:** 24D1795-19

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter           | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 319-84-6   | alpha-BHC           | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 5103-71-9  | alpha-Chlordane     | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 319-85-7   | beta-BHC            | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 57-74-9    | Chlordane, total    | ND     |      | ug/kg dry | 50.9            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 319-86-8   | delta-BHC           | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 60-57-1    | Dieldrin            | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 959-98-8   | Endosulfan I        | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 33213-65-9 | Endosulfan II       | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 1031-07-8  | Endosulfan sulfate  | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 72-20-8    | Endrin              | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 7421-93-4  | Endrin aldehyde     | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 53494-70-5 | Endrin ketone       | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 58-89-9    | gamma-BHC (Lindane) | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 5566-34-7  | gamma-Chlordane     | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 76-44-8    | Heptachlor          | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 1024-57-3  | Heptachlor epoxide  | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 72-43-5    | Methoxychlor        | ND     |      | ug/kg dry | 2.55            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |
| 8001-35-2  | Toxaphene           | ND     |      | ug/kg dry | 255             | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:42   | NF      |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|           |                                 |        |        |
|-----------|---------------------------------|--------|--------|
| 2051-24-3 | Surrogate: Decachlorobiphenyl   | 105 %  | 30-150 |
| 877-09-8  | Surrogate: Tetrachloro-m-xylene | 98.4 % | 30-150 |

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No. | Parameter        | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------------|--------|------|-------|---------------------|-------|----------|--|--------------------|--------------------|---------|
| 57-74-9 | Chlordane, total | ND     |      | ug/L  | 0.250               | 0.250 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 13:16   | TAH     |



### Sample Information

**Client Sample ID:** WC-10

**York Sample ID:** 24D1795-19

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No.                     | Parameter                       | Result        | Flag | Units | Reported to LOD/MDL     | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-------|-------------------------|--------|----------|--|--------------------|--------------------|---------|
| 72-20-8                     | Endrin                          | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 13:16   | TAH     |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 13:16   | TAH     |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 13:16   | TAH     |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 13:16   | TAH     |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 13:16   | TAH     |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/L  | 1.25                    | 1.25   | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 13:16   | TAH     |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |       | <b>Acceptance Range</b> |        |          |  |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 86.3 %        |      |       | 30-120                  |        |          |  |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 81.7 %        |      |       | 30-120                  |        |          |  |                    |                    |         |

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag | Units     | Reported to LOQ         | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |  |
|-----------------------------|---------------------------------|---------------|------|-----------|-------------------------|----------|---|--------------------|--------------------|---------|--|
| 12674-11-2                  | Aroclor 1016                    | ND            |      | mg/kg dry | 0.0257                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:34   | NF      |  |
| 11104-28-2                  | Aroclor 1221                    | ND            |      | mg/kg dry | 0.0257                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:34   | NF      |  |
| 11141-16-5                  | Aroclor 1232                    | ND            |      | mg/kg dry | 0.0257                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:34   | NF      |  |
| 53469-21-9                  | Aroclor 1242                    | ND            |      | mg/kg dry | 0.0257                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:34   | NF      |  |
| 12672-29-6                  | <b>Aroclor 1248</b>             | <b>0.177</b>  |      | mg/kg dry | 0.0257                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:34   | NF      |  |
| 11097-69-1                  | Aroclor 1254                    | ND            |      | mg/kg dry | 0.0257                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:34   | NF      |  |
| 11096-82-5                  | Aroclor 1260                    | ND            |      | mg/kg dry | 0.0257                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:34   | NF      |  |
| 37324-23-5                  | Aroclor 1262                    | ND            |      | mg/kg dry | 0.0257                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 04:34   | NF      |  |
| 11100-14-4                  | Aroclor 1268                    | ND            |      | mg/kg dry | 0.0257                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 04:34   | NF      |  |
| 1336-36-3                   | <b>* Total PCBs</b>             | <b>0.177</b>  |      | mg/kg dry | 0.0257                  | 1        | EPA 8082A<br>Certifications:  | 04/27/2024 07:18   | 04/29/2024 04:34   | NF      |  |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |   |                    |                    |         |  |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 92.5 %        |      |           | 30-140                  |          |   |                    |                    |         |  |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 86.5 %        |      |           | 30-140                  |          |   |                    |                    |         |  |



### Sample Information

**Client Sample ID:** WC-10

**York Sample ID:** 24D1795-19

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Herbicides, Target List**

**Log-in Notes:**

**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            |      | ug/kg dry               | 30.9            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 23:45   | BCJ     |
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |      | ug/kg dry               | 30.9            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 23:45   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |      | ug/kg dry               | 30.9            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 23:45   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> |      | <b>Acceptance Range</b> |                 |          |   |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 59.8 %        |      | 21-150                  |                 |          |   |                    |                    |         |

**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| CAS No.                     | Parameter                                       | Result        | Flag | Units                   | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|------|-------------------------|-----------------|----------|--|--------------------|--------------------|---------|
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |      | ug/L                    | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:53   | 05/02/2024 17:02   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |      | ug/L                    | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:53   | 05/02/2024 17:02   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> |      | <b>Acceptance Range</b> |                 |          |  |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 67.0 %        |      | 10-150                  |                 |          |  |                    |                    |         |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

**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 |
|-----------------------------|-------------------------------|---------------|------|-------------------------|-----------------|----------|--|--------------------|--------------------|---------|
|                             | <b>* Total EPH</b>            | <b>320</b>    |      | mg/kg dry               | 76.7            | 1        | NJDEP EPH Rev 3.0<br>Certifications: NJDEP-CT005 | 04/29/2024 08:23   | 04/30/2024 13:13   | GXB     |
| <b>Surrogate Recoveries</b> |                               | <b>Result</b> |      | <b>Acceptance Range</b> |                 |          |  |                    |                    |         |
| 3386-33-2                   | Surrogate: 1-Chlorooctadecane | 70.6 %        |      | 31.6-128                |                 |          |  |                    |                    |         |
| 84-15-1                     | Surrogate: o-Terphenyl        | 68.4 %        |      | 28.7-124                |                 |          |  |                    |                    |         |

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter       | Result      | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------------|-------------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7429-90-5 | <b>Aluminum</b> | <b>7320</b> |      | mg/kg dry | 6.45            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7440-36-0 | Antimony        | ND          |      | mg/kg dry | 3.23            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7440-38-2 | <b>Arsenic</b>  | <b>3.29</b> |      | mg/kg dry | 1.94            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |



### Sample Information

**Client Sample ID:** WC-10

**York Sample ID:** 24D1795-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag          | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|---------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-39-3 | Barium    | 165    |               | mg/kg dry | 3.22            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7440-41-7 | Beryllium | ND     |               | mg/kg dry | 0.065           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7440-43-9 | Cadmium   | 1.79   |               | mg/kg dry | 0.387           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7440-70-2 | Calcium   | 1860   |               | mg/kg dry | 6.45            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7440-47-3 | Chromium  | 18.1   |               | mg/kg dry | 0.646           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7440-48-4 | Cobalt    | 3.27   |               | mg/kg dry | 0.516           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7440-50-8 | Copper    | 135    |               | mg/kg dry | 2.58            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7439-89-6 | Iron      | 9650   |               | mg/kg dry | 32.3            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7439-92-1 | Lead      | 190    |               | mg/kg dry | 0.646           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7439-95-4 | Magnesium | 1690   |               | mg/kg dry | 6.46            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7439-96-5 | Manganese | 86.6   |               | mg/kg dry | 0.646           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7440-02-0 | Nickel    | 28.0   |               | mg/kg dry | 1.29            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7440-09-7 | Potassium | 829    | M-CCV<br>1, B | mg/kg dry | 6.46            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7782-49-2 | Selenium  | ND     |               | mg/kg dry | 3.23            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7440-22-4 | Silver    | ND     |               | mg/kg dry | 0.651           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7440-23-5 | Sodium    | 106    |               | mg/kg dry | 64.5            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7440-62-2 | Vanadium  | 21.3   |               | mg/kg dry | 1.29            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:05   | AGNR    |
| 7440-66-6 | Zinc      | 22400  |               | mg/kg dry | 32.1            | 10       | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 16:03   | AGNR    |

**Metals, TCLP RCRA**

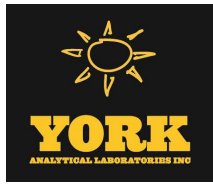
**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-38-2 | Arsenic   | ND     |      | mg/L  | 0.375           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/02/2024 08:08   | 05/02/2024 15:28   | AGNR    |
| 7440-39-3 | Barium    | 2.07   |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/02/2024 08:08   | 05/02/2024 15:28   | AGNR    |





### Sample Information

**Client Sample ID:** WC-10

**York Sample ID:** 24D1795-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter   | Result      | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-------------|-------------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-43-9 | Cadmium     | ND          |      | mg/L  | 0.075           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:28   | AGNR    |
| 7440-47-3 | Chromium    | ND          |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:28   | AGNR    |
| 7439-92-1 | <b>Lead</b> | <b>1.26</b> |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:28   | AGNR    |
| 7782-49-2 | Selenium    | ND          |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:28   | AGNR    |
| 7440-22-4 | Silver      | ND          |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:28   | AGNR    |

**Thallium by EPA 6020**

**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 |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 0.129           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 08:56   | 05/01/2024 12:30   | AJL     |

**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 | <b>Mercury</b> | <b>0.479</b> |      | mg/kg dry | 0.0465          | 1        | EPA 7473<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044 | 05/01/2024 09:05   | 05/01/2024 16:18   | DRS     |

**Mercury, TCLP**

**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  | 0.000200        | 1        | EPA 7470/1311<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108 | 05/01/2024 08:13   | 05/01/2024 08:13   | PFA     |

**Chloride, SPLP**

**Log-in Notes:**

**Sample Notes:**

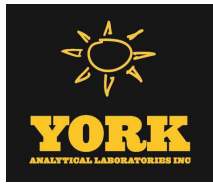
Sample Prepared by Method: EPA 300/1312

| CAS No.    | Parameter       | Result       | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------|--------------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 16887-00-6 | <b>Chloride</b> | <b>0.778</b> |      | mg/L  | 0.500           | 1        | EPA 300.0<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005 | 05/01/2024 17:35   | 05/01/2024 17:35   | NJO     |

**Chromium, Hexavalent**

**Log-in Notes:**

**Sample Notes:**



## Sample Information

**Client Sample ID:** WC-10

**York Sample ID:** 24D1795-19

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

Sample Prepared by Method: EPA SW846-3060

| CAS No.    | Parameter            | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|----------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 18540-29-9 | Chromium, Hexavalent | ND     |      | mg/kg dry | 0.774           | 1        | EPA 7196A<br>Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044 | 05/01/2024 11:15   | 05/01/2024 16:49   | JAMT    |

**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 |
|---------|-----------|--------|------|----------|-----------------|----------|---|--------------------|--------------------|---------|
|         | pH        | 7.20   |      | pH units | 0.500           | 1        | EPA 9045D<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440 | 04/30/2024 11:38   | 04/30/2024 15:37   | PRS     |

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

| CAS No. | Parameter      | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|----------------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 57-12-5 | Cyanide, total | ND     |      | mg/kg dry | 0.774           | 1        | EPA 9014/9010C<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 05/01/2024 07:15   | 05/01/2024 16:00   | PMB     |

**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/kg | 0.250           | 1        | EPA SW-846 Ch.7.3.3<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:52   | 04/29/2024 23:31   | SL      |

**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 | 40.0   |      | mg/kg | 15.0            | 1        | EPA SW-846 Ch.7.3.4<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:54   | 04/29/2024 23:39   | SL      |

**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 | 22.6   |      | °C    | 1.00            | 1        | EPA 170.1<br>Certifications: | 04/30/2024 11:38   | 04/30/2024 15:39   | PRS     |

**Ignitability**

**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 |
|---------|----------------|------------|------|-------|-----------------|----------|------------------------------|--------------------|--------------------|---------|
|         | * Ignitability | Non-Ignit. |      | None  | 1               | 1        | EPA 1030P<br>Certifications: | 04/28/2024 06:49   | 04/28/2024 07:35   | CAM2    |

**Paint Filter Test**

**Log-in Notes:**

**Sample Notes:**



Sample Information

Client Sample ID: WC-10

York Sample ID: 24D1795-19

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: Paint Filter Test, No Free Liquid, None, 0.05, 1, EPA 9095B, 04/29/2024 09:21, 04/29/2024 10:55, JAMT

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: \* % Solids, 64.6, %, 0.100, 1, SM 2540G, 04/30/2024 07:39, 04/30/2024 11:54, HLY

SPLP Extraction for WET CHEM EPA 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: SPLP Extraction, Completed, N/A, 1.00, 1, EPA 1312, 04/28/2024 15:55, 04/29/2024 17:50, TAJ

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/30/2024 16:43, 05/01/2024 11:05, TAJ

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/30/2024 16:45, 05/01/2024 11:12, TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 05/01/2024 15:43, 05/02/2024 10:56, CAM2

Sample Information

Client Sample ID: WC-10 (g)

York Sample ID: 24D1795-20

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024



### Sample Information

**Client Sample ID:** WC-10 (g)

**York Sample ID:** 24D1795-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter   | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/kg dry | 61                  | 120 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 78-93-3  | 2-Butanone  | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |



### Sample Information

**Client Sample ID:** WC-10 (g)

**York Sample ID:** 24D1795-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

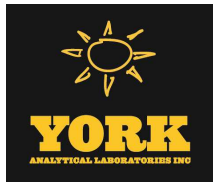
**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.    | Parameter                 | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 67-64-1    | Acetone                   | 33     | ICVE | ug/kg dry | 6.1                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 107-02-8   | Acrolein                  | ND     |      | ug/kg dry | 6.1                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 71-43-2    | Benzene                   | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 75-25-2    | Bromoform                 | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 74-83-9    | Bromomethane              | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 75-15-0    | Carbon disulfide          | 3.8    | J    | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 75-00-3    | Chloroethane              | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 67-66-3    | Chloroform                | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 74-87-3    | Chloromethane             | ND     | CCVE | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 110-82-7   | Cyclohexane               | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 74-95-3    | Dibromomethane            | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 75-71-8    | Dichlorodifluoromethane   | ND     | CCVE | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 98-82-8    | Isopropylbenzene          | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |



### Sample Information

**Client Sample ID:** WC-10 (g)

**York Sample ID:** 24D1795-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.     | Parameter                      | Result | Flag                    | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-------------|--------------------------------|--------|-------------------------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 79-20-9     | Methyl acetate                 | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 108-87-2    | Methylcyclohexane              | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 75-09-2     | Methylene chloride             | ND     |                         | ug/kg dry | 6.1                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 104-51-8    | n-Butylbenzene                 | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 103-65-1    | n-Propylbenzene                | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 95-47-6     | o-Xylene                       | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 179601-23-1 | p- & m- Xylenes                | ND     | QL-02                   | ug/kg dry | 6.1                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 99-87-6     | p-Isopropyltoluene             | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 135-98-8    | sec-Butylbenzene               | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 100-42-5    | Styrene                        | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 98-06-6     | tert-Butylbenzene              | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 127-18-4    | Tetrachloroethylene            | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 108-88-3    | Toluene                        | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 110-57-6    | * trans-1,4-dichloro-2-butene  | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 79-01-6     | Trichloroethylene              | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 75-69-4     | Trichlorofluoromethane         | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 75-01-4     | Vinyl Chloride                 | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |
| 1330-20-7   | Xylenes, Total                 | ND     |                         | ug/kg dry | 9.1                 | 18  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 14:12   | BMT     |

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: WC-10 (g)

York Sample ID: 24D1795-20

York Project (SDG) No. 24D1795

Client Project ID Four Sparrows

Matrix Soil

Collection Date/Time April 26, 2024 11:19 am

Date Received 04/26/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include surrogate results for 1,2-Dichloroethane-d4, Toluene-d8, and p-Bromofluorobenzene.

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row shows % Solids result of 64.6.

Sample Information

Client Sample ID: WC-11

York Sample ID: 24D1795-21

York Project (SDG) No. 24D1795

Client Project ID Four Sparrows

Matrix Soil

Collection Date/Time April 26, 2024 11:19 am

Date Received 04/26/2024

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various organic compounds like 1,1-Dichloroethylene, Benzene, etc., all with ND results.



### Sample Information

**Client Sample ID:** WC-11

**York Sample ID:** 24D1795-21

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

| CAS No.                     | Parameter   | Result        | Flag | Units | Reported to LOD/MDL     | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|------|-------|-------------------------|-----|----------|--|--------------------|--------------------|---------|
| 79-01-6                     | Trichloroethylene                                       | ND            |      | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 05/02/2024 08:00   | 05/02/2024 11:22   | BMT     |
| 75-01-4                     | Vinyl Chloride  | ND            |      | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 05/02/2024 08:00   | 05/02/2024 11:22   | BMT     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> |      |       | <b>Acceptance Range</b> |     |          |  |                    |                    |         |
| 17060-07-0                  | Surrogate: <i>SURR:</i><br><i>1,2-Dichloroethane-d4</i> | 98.7 %        |      |       | 77-125                  |     |          |  |                    |                    |         |
| 460-00-4                    | Surrogate: <i>SURR:</i><br><i>p-Bromofluorobenzene</i>  | 118 %         |      |       | 84.2-124                |     |          |  |                    |                    |         |
| 2037-26-5                   | Surrogate: <i>SURR:</i> <i>Toluene-d8</i>               | 103 %         |      |       | 85-120                  |     |          |  |                    |                    |         |

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                             | Result | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---------------------------------------|--------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-52-4  | 1,1-Biphenyl                          | ND     |       | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND     | CCVE  | ug/kg dry | 52.6                | 105  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND     | CCVE  | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND     |       | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |       | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                   | ND     |       | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                   | ND     |       | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol             | ND     | CCVE  | ug/kg dry | 52.6                | 105  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 95-95-4  | 2,4,5-Trichlorophenol                 | ND     |       | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 88-06-2  | 2,4,6-Trichlorophenol                 | ND     |       | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 120-83-2 | 2,4-Dichlorophenol                    | ND     |       | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 105-67-9 | 2,4-Dimethylphenol                    | ND     | ICVE  | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 51-28-5  | 2,4-Dinitrophenol                     | ND     | CAL-E | ug/kg dry | 52.6                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 121-14-2 | 2,4-Dinitrotoluene                    | ND     |       | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 606-20-2 | 2,6-Dinitrotoluene                    | ND     |       | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |





### Sample Information

**Client Sample ID:** WC-11

**York Sample ID:** 24D1795-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                   | Result      | Flag        | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------------|-------------|-------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 91-58-7    | 2-Chloronaphthalene         | ND          |             | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 95-57-8    | 2-Chlorophenol              | ND          |             | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 91-57-6    | 2-Methylnaphthalene         | ND          |             | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 95-48-7    | 2-Methylphenol              | ND          |             | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 88-74-4    | 2-Nitroaniline              | ND          |             | ug/kg dry | 52.6                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 88-75-5    | 2-Nitrophenol               | ND          |             | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols        | ND          | CAL-E       | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND          |             | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 99-09-2    | 3-Nitroaniline              | ND          |             | ug/kg dry | 52.6                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND          | CCVE, CAL-E | ug/kg dry | 52.6                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND          | CCVE        | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND          |             | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 106-47-8   | 4-Chloroaniline             | ND          |             | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND          |             | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 100-01-6   | 4-Nitroaniline              | ND          |             | ug/kg dry | 52.6                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 100-02-7   | 4-Nitrophenol               | ND          |             | ug/kg dry | 52.6                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 83-32-9    | Acenaphthene                | ND          |             | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 208-96-8   | Acenaphthylene              | ND          |             | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 98-86-2    | <b>Acetophenone</b>         | <b>42.9</b> | J           | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 62-53-3    | Aniline                     | ND          | ICVE        | ug/kg dry | 105                 | 211  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 120-12-7   | Anthracene                  | ND          |             | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 1912-24-9  | Atrazine                    | ND          |             | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 100-52-7   | <b>Benzaldehyde</b>         | <b>28.2</b> | J           | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |



### Sample Information

**Client Sample ID:** WC-11

**York Sample ID:** 24D1795-21

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                         | Result      | Flag           | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------------|-------------|----------------|-----------|---------------------|------|----------|--|--------------------|--------------------|---------|
| 92-87-5  | Benzidine                         | ND          |                | ug/kg dry | 105                 | 211  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440          | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 56-55-3  | <b>Benzo(a)anthracene</b>         | <b>27.8</b> | J              | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 50-32-8  | Benzo(a)pyrene                    | ND          |                | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 205-99-2 | <b>Benzo(b)fluoranthene</b>       | <b>33.2</b> | J              | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 191-24-2 | <b>Benzo(g,h,i)perylene</b>       | <b>37.8</b> | J              | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 207-08-9 | Benzo(k)fluoranthene              | ND          |                | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 65-85-0  | <b>Benzoic acid</b>               | <b>119</b>  | CAL-E,<br>CCVE | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440            | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 100-51-6 | Benzyl alcohol                    | ND          |                | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440            | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 85-68-7  | <b>Benzyl butyl phthalate</b>     | <b>3830</b> |                | ug/kg dry | 264                 | 526  | 10       | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/02/2024 14:03   | SS      |
| 111-91-1 | Bis(2-chloroethoxy)methane        | ND          |                | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 111-44-4 | Bis(2-chloroethyl)ether           | ND          |                | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 108-60-1 | Bis(2-chloroisopropyl)ether       | ND          |                | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 117-81-7 | <b>Bis(2-ethylhexyl)phthalate</b> | <b>2410</b> |                | ug/kg dry | 264                 | 526  | 10       | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/02/2024 14:03   | SS      |
| 105-60-2 | Caprolactam                       | ND          |                | ug/kg dry | 52.6                | 105  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440            | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 86-74-8  | Carbazole                         | ND          |                | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 218-01-9 | <b>Chrysene</b>                   | <b>27.3</b> | J,<br>CCVE     | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 53-70-3  | Dibenzo(a,h)anthracene            | ND          |                | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 132-64-9 | Dibenzofuran                      | ND          |                | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 84-66-2  | Diethyl phthalate                 | ND          |                | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 131-11-3 | Dimethyl phthalate                | ND          |                | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 84-74-2  | <b>Di-n-butyl phthalate</b>       | <b>103</b>  |                | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 117-84-0 | Di-n-octyl phthalate              | ND          | CAL-E,<br>CCVE | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 122-39-4 | * Diphenylamine                   | ND          |                | ug/kg dry | 52.6                | 105  | 1        | EPA 8270E<br>Certifications:   | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |



### Sample Information

**Client Sample ID:** WC-11

**York Sample ID:** 24D1795-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                  | Result | Flag       | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|----------------------------|--------|------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 206-44-0 | Fluoranthene               | 39.1   | J          | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 86-73-7  | Fluorene                   | ND     |            | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 118-74-1 | Hexachlorobenzene          | ND     |            | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 87-68-3  | Hexachlorobutadiene        | ND     | CCVE       | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 77-47-4  | Hexachlorocyclopentadiene  | ND     | CCVE, ICVE | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 67-72-1  | Hexachloroethane           | ND     |            | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | 28.2   | J          | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 78-59-1  | Isophorone                 | ND     |            | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 91-20-3  | Naphthalene                | ND     |            | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 98-95-3  | Nitrobenzene               | ND     |            | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     | CAL-E      | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 621-64-7 | N-nitroso-di-n-propylamine | ND     |            | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 86-30-6  | N-Nitrosodiphenylamine     | ND     | CCVE       | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 87-86-5  | Pentachlorophenol          | ND     | CCVE       | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 85-01-8  | Phenanthrene               | ND     |            | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 108-95-2 | Phenol                     | ND     |            | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |
| 129-00-0 | Pyrene                     | 52.1   | J          | ug/kg dry | 26.4                | 52.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:28   | SS      |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|            |                                       |        |        |
|------------|---------------------------------------|--------|--------|
| 367-12-4   | Surrogate: SURR: 2-Fluorophenol       | 88.8 % | 20-108 |
| 13127-88-3 | Surrogate: SURR: Phenol-d6            | 91.0 % | 23-114 |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5      | 90.5 % | 22-108 |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl     | 81.4 % | 21-113 |
| 118-79-6   | Surrogate: SURR: 2,4,6-Tribromophenol | 77.6 % | 19-110 |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14        | 104 %  | 24-116 |

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** WC-11

**York Sample ID:** 24D1795-21

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

Sample Prepared by Method: EPA 3510C/1311

| CAS No.    | Parameter             | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|-----------------------|--------|------|-------|------------------------|------|----------|--|-----------------------|-----------------------|---------|
| 106-46-7   | 1,4-Dichlorobenzene   | ND     |      | ug/L  | 3.23                   | 5.00 | 1        | EPA 8270D/1311<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 05/02/2024 08:15      | 05/02/2024 15:46      | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol | ND     |      | ug/L  | 3.61                   | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15      | 05/02/2024 15:46      | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol | ND     |      | ug/L  | 3.27                   | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15      | 05/02/2024 15:46      | SS      |
| 121-14-2   | 2,4-Dinitrotoluene    | ND     |      | ug/L  | 2.37                   | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15      | 05/02/2024 15:46      | SS      |
| 95-48-7    | 2-Methylphenol        | ND     |      | ug/L  | 0.857                  | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15      | 05/02/2024 15:46      | SS      |
| 65794-96-9 | 3- & 4-Methylphenols  | ND     |      | ug/L  | 3.72                   | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15      | 05/02/2024 15:46      | SS      |
| 1319-77-3  | Cresols, total        | ND     |      | ug/L  | 3.70                   | 15.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854                          | 05/02/2024 08:15      | 05/02/2024 15:46      | SS      |
| 118-74-1   | Hexachlorobenzene     | ND     |      | ug/L  | 2.96                   | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15      | 05/02/2024 15:46      | SS      |
| 87-68-3    | Hexachlorobutadiene   | ND     |      | ug/L  | 3.31                   | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15      | 05/02/2024 15:46      | SS      |
| 67-72-1    | Hexachloroethane      | ND     |      | ug/L  | 3.63                   | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15      | 05/02/2024 15:46      | SS      |
| 98-95-3    | Nitrobenzene          | ND     |      | ug/L  | 1.97                   | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15      | 05/02/2024 15:46      | SS      |
| 87-86-5    | Pentachlorophenol     | ND     |      | ug/L  | 3.76                   | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15      | 05/02/2024 15:46      | SS      |
| 110-86-1   | Pyridine              | ND     |      | ug/L  | 3.19                   | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15      | 05/02/2024 15:46      | SS      |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|            |  |        |  |  |  |  |  |  |  |  |          |
|------------|--|--------|--|--|--|--|--|--|--|--|----------|
| 367-12-4   | Surrogate: SURR: 2-Fluorophenol          | 44.8 % |  |  |  |  |  |  |  |  | 10-90.9  |
| 13127-88-3 | Surrogate: SURR: Phenol-d6               | 30.6 % |  |  |  |  |  |  |  |  | 10-69.2  |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5         | 65.4 % |  |  |  |  |  |  |  |  | 19.2-141 |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl        | 60.5 % |  |  |  |  |  |  |  |  | 24.8-127 |
| 118-79-6   | Surrogate: SURR:<br>2,4,6-Tribromophenol | 86.2 % |  |  |  |  |  |  |  |  | 23-163   |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14           | 77.4 % |  |  |  |  |  |  |  |  | 25.8-110 |

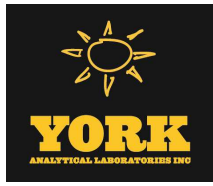
**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter | Result | Flag | Units     | Reported to<br>LOQ | Dilution | Reference Method  | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|-----------|--------|------|-----------|--------------------|----------|---|-----------------------|-----------------------|---------|
| 72-54-8  | 4,4'-DDD  | ND     |      | ug/kg dry | 2.10               | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18      | 04/29/2024 17:59      | NF      |
| 72-55-9  | 4,4'-DDE  | 5.49   |      | ug/kg dry | 2.10               | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18      | 04/29/2024 17:59      | NF      |
| 50-29-3  | 4,4'-DDT  | 4.30   | P    | ug/kg dry | 2.10               | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18      | 04/29/2024 17:59      | NF      |
| 309-00-2 | Aldrin    | ND     |      | ug/kg dry | 2.10               | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18      | 04/29/2024 17:59      | NF      |



### Sample Information

**Client Sample ID:** WC-11

**York Sample ID:** 24D1795-21

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter              | Result      | Flag     | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|------------------------|-------------|----------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 319-84-6   | alpha-BHC              | ND          |          | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 5103-71-9  | alpha-Chlordane        | ND          |          | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 319-85-7   | beta-BHC               | ND          |          | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 57-74-9    | Chlordane, total       | ND          |          | ug/kg dry | 41.9            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 319-86-8   | delta-BHC              | ND          |          | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 60-57-1    | Dieldrin               | ND          |          | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 959-98-8   | Endosulfan I           | ND          |          | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 33213-65-9 | Endosulfan II          | ND          |          | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 1031-07-8  | Endosulfan sulfate     | ND          |          | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 72-20-8    | Endrin                 | ND          |          | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 7421-93-4  | Endrin aldehyde        | ND          |          | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 53494-70-5 | Endrin ketone          | ND          |          | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 58-89-9    | gamma-BHC (Lindane)    | ND          |          | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 5566-34-7  | <b>gamma-Chlordane</b> | <b>2.59</b> | <b>P</b> | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 76-44-8    | Heptachlor             | ND          |          | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 1024-57-3  | Heptachlor epoxide     | ND          |          | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 72-43-5    | Methoxychlor           | ND          |          | ug/kg dry | 2.10            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |
| 8001-35-2  | Toxaphene              | ND          |          | ug/kg dry | 210             | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 17:59   | NF      |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|           |                                 |        |        |
|-----------|---------------------------------|--------|--------|
| 2051-24-3 | Surrogate: Decachlorobiphenyl   | 105 %  | 30-150 |
| 877-09-8  | Surrogate: Tetrachloro-m-xylene | 99.3 % | 30-150 |

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No. | Parameter        | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------------|--------|------|-------|---------------------|-------|----------|--|--------------------|--------------------|---------|
| 57-74-9 | Chlordane, total | ND     |      | ug/L  | 0.250               | 0.250 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 11:50   | NF      |



### Sample Information

**Client Sample ID:** WC-11

**York Sample ID:** 24D1795-21

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No.                     | Parameter                       | Result        | Flag | Units | Reported to LOD/MDL     | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-------|-------------------------|--------|----------|--|--------------------|--------------------|---------|
| 72-20-8                     | Endrin                          | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 11:50   | NF      |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 11:50   | NF      |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 11:50   | NF      |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 11:50   | NF      |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 11:50   | NF      |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/L  | 1.25                    | 1.25   | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 11:50   | NF      |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |       | <b>Acceptance Range</b> |        |          |  |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 110 %         |      |       | 30-120                  |        |          |  |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 92.6 %        |      |       | 30-120                  |        |          |  |                    |                    |         |

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag | Units     | Reported to LOQ         | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |  |
|-----------------------------|---------------------------------|---------------|------|-----------|-------------------------|----------|---|--------------------|--------------------|---------|--|
| 12674-11-2                  | Aroclor 1016                    | ND            |      | mg/kg dry | 0.0212                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:48   | NF      |  |
| 11104-28-2                  | Aroclor 1221                    | ND            |      | mg/kg dry | 0.0212                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:48   | NF      |  |
| 11141-16-5                  | Aroclor 1232                    | ND            |      | mg/kg dry | 0.0212                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:48   | NF      |  |
| 53469-21-9                  | Aroclor 1242                    | ND            |      | mg/kg dry | 0.0212                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:48   | NF      |  |
| 12672-29-6                  | <b>Aroclor 1248</b>             | <b>0.149</b>  |      | mg/kg dry | 0.0212                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:48   | NF      |  |
| 11097-69-1                  | Aroclor 1254                    | ND            |      | mg/kg dry | 0.0212                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:48   | NF      |  |
| 11096-82-5                  | <b>Aroclor 1260</b>             | <b>0.0389</b> |      | mg/kg dry | 0.0212                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 04:48   | NF      |  |
| 37324-23-5                  | Aroclor 1262                    | ND            |      | mg/kg dry | 0.0212                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 04:48   | NF      |  |
| 11100-14-4                  | Aroclor 1268                    | ND            |      | mg/kg dry | 0.0212                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 04:48   | NF      |  |
| 1336-36-3                   | <b>* Total PCBs</b>             | <b>0.188</b>  |      | mg/kg dry | 0.0212                  | 1        | EPA 8082A<br>Certifications:  | 04/27/2024 07:18   | 04/29/2024 04:48   | NF      |  |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |   |                    |                    |         |  |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 83.0 %        |      |           | 30-140                  |          |   |                    |                    |         |  |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 76.5 %        |      |           | 30-140                  |          |   |                    |                    |         |  |



### Sample Information

**Client Sample ID:** WC-11

**York Sample ID:** 24D1795-21

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Herbicides, Target List**

**Log-in Notes:**

**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            |      | ug/kg dry | 25.0                    | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 23:56   | BCJ     |
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |      | ug/kg dry | 25.0                    | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 23:56   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |      | ug/kg dry | 25.0                    | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/29/2024 23:56   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |   |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 77.2 %        |      |           | 21-150                  |          |   |                    |                    |         |

**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| CAS No.                     | Parameter                                       | Result        | Flag | Units | Reported to LOQ         | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|------|-------|-------------------------|----------|--|--------------------|--------------------|---------|
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |      | ug/L  | 5.00                    | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:53   | 05/02/2024 17:13   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |      | ug/L  | 5.00                    | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:53   | 05/02/2024 17:13   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> |      |       | <b>Acceptance Range</b> |          |  |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 65.4 %        |      |       | 10-150                  |          |  |                    |                    |         |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

**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 |
|-----------------------------|-------------------------------|---------------|------|-----------|-------------------------|----------|--|--------------------|--------------------|---------|
|                             | <b>* Total EPH</b>            | <b>117</b>    |      | mg/kg dry | 61.2                    | 1        | NJDEP EPH Rev 3.0<br>Certifications: NJDEP-CT005 | 04/29/2024 08:23   | 04/30/2024 13:44   | GXB     |
| <b>Surrogate Recoveries</b> |                               | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |  |                    |                    |         |
| 3386-33-2                   | Surrogate: 1-Chlorooctadecane | 62.5 %        |      |           | 31.6-128                |          |  |                    |                    |         |
| 84-15-1                     | Surrogate: o-Terphenyl        | 63.6 %        |      |           | 28.7-124                |          |  |                    |                    |         |

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter       | Result      | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------------|-------------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7429-90-5 | <b>Aluminum</b> | <b>4810</b> |      | mg/kg dry | 5.31            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7440-36-0 | Antimony        | ND          |      | mg/kg dry | 2.65            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7440-38-2 | <b>Arsenic</b>  | <b>3.49</b> |      | mg/kg dry | 1.59            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |



### Sample Information

**Client Sample ID:** WC-11

**York Sample ID:** 24D1795-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag          | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|---------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-39-3 | Barium    | 151    |               | mg/kg dry | 2.65            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7440-41-7 | Beryllium | ND     |               | mg/kg dry | 0.054           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7440-43-9 | Cadmium   | 1.72   |               | mg/kg dry | 0.318           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7440-70-2 | Calcium   | 5450   |               | mg/kg dry | 5.31            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7440-47-3 | Chromium  | 16.8   |               | mg/kg dry | 0.531           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7440-48-4 | Cobalt    | 4.43   |               | mg/kg dry | 0.424           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7440-50-8 | Copper    | 91.6   |               | mg/kg dry | 2.12            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7439-89-6 | Iron      | 11700  |               | mg/kg dry | 26.5            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7439-92-1 | Lead      | 204    |               | mg/kg dry | 0.531           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7439-95-4 | Magnesium | 1850   |               | mg/kg dry | 5.31            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7439-96-5 | Manganese | 141    |               | mg/kg dry | 0.531           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7440-02-0 | Nickel    | 39.2   |               | mg/kg dry | 1.06            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7440-09-7 | Potassium | 656    | M-CCV<br>1, B | mg/kg dry | 5.31            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7782-49-2 | Selenium  | ND     |               | mg/kg dry | 2.65            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7440-22-4 | Silver    | ND     |               | mg/kg dry | 0.535           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7440-23-5 | Sodium    | 125    |               | mg/kg dry | 53.1            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7440-62-2 | Vanadium  | 15.4   |               | mg/kg dry | 1.06            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |
| 7440-66-6 | Zinc      | 334    |               | mg/kg dry | 2.64            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:08   | AGNR    |

**Metals, TCLP RCRA**

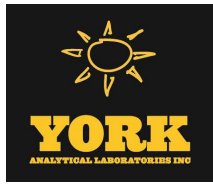
**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-38-2 | Arsenic   | ND     |      | mg/L  | 0.375           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/02/2024 08:08   | 05/02/2024 15:32   | AGNR    |
| 7440-39-3 | Barium    | 1.48   |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/02/2024 08:08   | 05/02/2024 15:32   | AGNR    |





### Sample Information

Client Sample ID: WC-11

York Sample ID: 24D1795-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

#### Metals, TCLP RCRA

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-43-9 | Cadmium   | ND     |      | mg/L  | 0.075           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:32   | AGNR    |
| 7440-47-3 | Chromium  | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:32   | AGNR    |
| 7439-92-1 | Lead      | 0.772  |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:32   | AGNR    |
| 7782-49-2 | Selenium  | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:32   | AGNR    |
| 7440-22-4 | Silver    | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:32   | AGNR    |

#### Thallium by EPA 6020

#### 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 |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 0.106           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 08:56   | 05/01/2024 12:34   | AJL     |

#### 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   | 0.569  |      | mg/kg dry | 0.0382          | 1        | EPA 7473<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044 | 05/01/2024 09:05   | 05/01/2024 16:18   | DRS     |

#### Mercury, TCLP

#### 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  | 0.000200        | 1        | EPA 7470/1311<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108 | 05/01/2024 08:13   | 05/01/2024 08:13   | PFA     |

#### Chloride, SPLP

#### Log-in Notes:

#### Sample Notes:

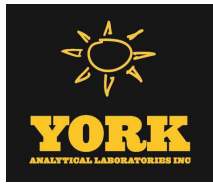
Sample Prepared by Method: EPA 300/1312

| CAS No.    | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 16887-00-6 | Chloride  | 3.23   |      | mg/L  | 0.500           | 1        | EPA 300.0<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005 | 05/01/2024 17:46   | 05/01/2024 17:46   | NJO     |

#### Chromium, Hexavalent

#### Log-in Notes:

#### Sample Notes:



### Sample Information

**Client Sample ID:** WC-11

**York Sample ID:** 24D1795-21

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

Sample Prepared by Method: EPA SW846-3060

| CAS No.    | Parameter            | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|----------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 18540-29-9 | Chromium, Hexavalent | ND     |      | mg/kg dry | 0.637           | 1        | EPA 7196A<br>Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044 | 05/01/2024 11:15   | 05/01/2024 16:49   | JAMT    |

**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 |
|---------|-----------|--------|------|----------|-----------------|----------|---|--------------------|--------------------|---------|
|         | pH        | 7.65   |      | pH units | 0.500           | 1        | EPA 9045D<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440 | 04/30/2024 11:38   | 04/30/2024 15:37   | PRS     |

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

| CAS No. | Parameter      | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|----------------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 57-12-5 | Cyanide, total | ND     |      | mg/kg dry | 0.637           | 1        | EPA 9014/9010C<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 05/01/2024 07:15   | 05/01/2024 16:00   | PMB     |

**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/kg | 0.250           | 1        | EPA SW-846 Ch.7.3.3<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:52   | 04/29/2024 23:31   | SL      |

**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 | 40.0   |      | mg/kg | 15.0            | 1        | EPA SW-846 Ch.7.3.4<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/29/2024 14:54   | 04/29/2024 23:39   | SL      |

**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 | 23.1   |      | °C    | 1.00            | 1        | EPA 170.1<br>Certifications: | 04/30/2024 11:38   | 04/30/2024 15:39   | PRS     |

**Ignitability**

**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 |
|---------|----------------|------------|------|-------|-----------------|----------|------------------------------|--------------------|--------------------|---------|
|         | * Ignitability | Non-Ignit. |      | None  | 1               | 1        | EPA 1030P<br>Certifications: | 04/28/2024 06:49   | 04/28/2024 07:35   | CAM2    |

**Paint Filter Test**

**Log-in Notes:**

**Sample Notes:**



Sample Information

Client Sample ID: WC-11

York Sample ID: 24D1795-21

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: Paint Filter Test, No Free Liquid, None, 0.05, 1, EPA 9095B, 04/29/2024 09:21, 04/29/2024 10:55, JAMT

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: \* % Solids, 78.5, %, 0.100, 1, SM 2540G, 04/30/2024 07:39, 04/30/2024 11:54, HLY

SPLP Extraction for WET CHEM EPA 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: SPLP Extraction, Completed, N/A, 1.00, 1, EPA 1312, 04/28/2024 15:55, 04/29/2024 17:50, TAJ

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/30/2024 16:43, 05/01/2024 11:05, TAJ

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/30/2024 16:45, 05/01/2024 11:12, TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 05/01/2024 15:43, 05/02/2024 10:56, CAM2

Sample Information

Client Sample ID: WC-11 (g)

York Sample ID: 24D1795-22

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024



### Sample Information

**Client Sample ID:** WC-11 (g)

**York Sample ID:** 24D1795-22

**York Project (SDG) No.**  
24D1795

**Client Project ID**  
Four Sparrows

**Matrix**  
Soil

**Collection Date/Time**  
April 26, 2024 11:19 am

**Date Received**  
04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter   | Result     | Flag     | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---|------------|----------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 75-34-3  | 1,1-Dichloroethane                                | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 75-35-4  | 1,1-Dichloroethylene                              | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 106-93-4 | 1,2-Dibromoethane                                 | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 107-06-2 | 1,2-Dichloroethane                                | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 78-87-5  | 1,2-Dichloropropane                               | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 123-91-1 | 1,4-Dioxane                                       | ND         |          | ug/kg dry | 57                  | 110 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 78-93-3  | <b>2-Butanone</b>                                 | <b>4.1</b> | <b>J</b> | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 591-78-6 | 2-Hexanone  | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND         |          | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |



### Sample Information

**Client Sample ID:** WC-11 (g)

**York Sample ID:** 24D1795-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.    | Parameter                 | Result | Flag    | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------|--------|---------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 67-64-1    | Acetone                   | 11     | J, ICVE | ug/kg dry | 5.7                 | 11  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 107-02-8   | Acrolein                  | ND     |         | ug/kg dry | 5.7                 | 11  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 107-13-1   | Acrylonitrile             | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 71-43-2    | Benzene                   | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 74-97-5    | Bromochloromethane        | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 75-27-4    | Bromodichloromethane      | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 75-25-2    | Bromoform                 | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 74-83-9    | Bromomethane              | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 75-15-0    | Carbon disulfide          | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 56-23-5    | Carbon tetrachloride      | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 108-90-7   | Chlorobenzene             | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 75-00-3    | Chloroethane              | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 67-66-3    | Chloroform                | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 74-87-3    | Chloromethane             | ND     | CCVE    | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 110-82-7   | Cyclohexane               | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 124-48-1   | Dibromochloromethane      | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 74-95-3    | Dibromomethane            | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 75-71-8    | Dichlorodifluoromethane   | ND     | CCVE    | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 100-41-4   | Ethyl Benzene             | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 87-68-3    | Hexachlorobutadiene       | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 98-82-8    | Isopropylbenzene          | ND     |         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |



### Sample Information

**Client Sample ID:** WC-11 (g)

**York Sample ID:** 24D1795-22

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

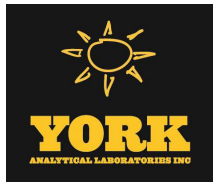
Sample Prepared by Method: EPA 5035A

| CAS No.     | Parameter                      | Result | Flag                    | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-------------|--------------------------------|--------|-------------------------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 79-20-9     | Methyl acetate                 | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 108-87-2    | Methylcyclohexane              | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 75-09-2     | Methylene chloride             | ND     |                         | ug/kg dry | 5.7                 | 11  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 104-51-8    | n-Butylbenzene                 | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 103-65-1    | n-Propylbenzene                | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 95-47-6     | o-Xylene                       | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 179601-23-1 | p- & m- Xylenes                | ND     | QL-02                   | ug/kg dry | 5.7                 | 11  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 99-87-6     | p-Isopropyltoluene             | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 135-98-8    | sec-Butylbenzene               | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 100-42-5    | Styrene                        | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 98-06-6     | tert-Butylbenzene              | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 127-18-4    | Tetrachloroethylene            | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 108-88-3    | Toluene                        | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 110-57-6    | * trans-1,4-dichloro-2-butene  | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 79-01-6     | Trichloroethylene              | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 75-69-4     | Trichlorofluoromethane         | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 75-01-4     | Vinyl Chloride                 | ND     |                         | ug/kg dry | 2.9                 | 5.7 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |
| 1330-20-7   | Xylenes, Total                 | ND     |                         | ug/kg dry | 8.6                 | 17  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 15:39   | BMT     |

Surrogate Recoveries

Result

Acceptance Range



### Sample Information

Client Sample ID: WC-11 (g)

York Sample ID: 24D1795-22

York Project (SDG) No.  
24D1795

Client Project ID  
Four Sparrows

Matrix  
Soil

Collection Date/Time  
April 26, 2024 11:19 am

Date Received  
04/26/2024

#### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

| CAS No.    | Parameter                                 | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---|--------|------|-------|---------------------|-----|----------|------------------|--------------------|--------------------|---------|
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 98.5 % |      |       | 77-125              |     |          |                  |                    |                    |         |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 97.8 % |      |       | 85-120              |     |          |                  |                    |                    |         |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 102 %  |      |       | 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 | 78.5   |      | %     | 0.100           | 1        | SM 2540G         | 04/30/2024 19:32   | 04/30/2024 23:07   | SMK     |  |
| Certifications: |            |        |      |       |                 |          |                  | CTDOH-PH-0723      |                    |         |  |

### Sample Information

Client Sample ID: WC-12

York Sample ID: 24D1795-23

York Project (SDG) No.  
24D1795

Client Project ID  
Four Sparrows

Matrix  
Soil

Collection Date/Time  
April 26, 2024 11:19 am

Date Received  
04/26/2024

#### Volatile Organics, TCLP RCRA List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

| CAS No.         | Parameter            | Result | Flag  | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method                                   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------|----------------------|--------|-------|-------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-35-4         | 1,1-Dichloroethylene | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 11:48   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 107-06-2        | 1,2-Dichloroethane   | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 11:48   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 106-46-7        | 1,4-Dichlorobenzene  | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 11:48   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 78-93-3         | 2-Butanone           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 11:48   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 71-43-2         | Benzene              | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 11:48   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 56-23-5         | Carbon tetrachloride | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 11:48   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 108-90-7        | Chlorobenzene        | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 11:48   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 67-66-3         | Chloroform           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 11:48   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 127-18-4        | Tetrachloroethylene  | ND     | QL-02 | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 11:48   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |



### Sample Information

**Client Sample ID:** WC-12

**York Sample ID:** 24D1795-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

| CAS No.                     | Parameter                              | Result        | Flag | Units | Reported to LOD/MDL     | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|--|---------------|------|-------|-------------------------|-----|----------|--|--------------------|--------------------|---------|
| 79-01-6                     | Trichloroethylene                      | ND            |      | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 05/02/2024 08:00   | 05/02/2024 11:48   | BMT     |
| 75-01-4                     | Vinyl Chloride                         | ND            |      | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 05/02/2024 08:00   | 05/02/2024 11:48   | BMT     |
| <b>Surrogate Recoveries</b> |  | <b>Result</b> |      |       | <b>Acceptance Range</b> |     |          |  |                    |                    |         |
| 17060-07-0                  | Surrogate: SURR: 1,2-Dichloroethane-d4 | 97.0 %        |      |       | 77-125                  |     |          |  |                    |                    |         |
| 460-00-4                    | Surrogate: SURR: p-Bromofluorobenzene  | 118 %         |      |       | 84.2-124                |     |          |  |                    |                    |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8            | 103 %         |      |       | 85-120                  |     |          |  |                    |                    |         |

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                             | Result | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---------------------------------------|--------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-52-4  | 1,1-Biphenyl                          | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND     | CCVE  | ug/kg dry | 52.7                | 105  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND     | CCVE  | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                   | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                   | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol             | ND     | CCVE  | ug/kg dry | 52.7                | 105  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 95-95-4  | 2,4,5-Trichlorophenol                 | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 88-06-2  | 2,4,6-Trichlorophenol                 | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 120-83-2 | 2,4-Dichlorophenol                    | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 105-67-9 | 2,4-Dimethylphenol                    | ND     | ICVE  | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 51-28-5  | 2,4-Dinitrophenol                     | ND     | CAL-E | ug/kg dry | 52.7                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 121-14-2 | 2,4-Dinitrotoluene                    | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 606-20-2 | 2,6-Dinitrotoluene                    | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |





### Sample Information

**Client Sample ID:** WC-12

**York Sample ID:** 24D1795-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                   | Result | Flag        | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------------|--------|-------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 91-58-7    | 2-Chloronaphthalene         | ND     |             | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 95-57-8    | 2-Chlorophenol              | ND     |             | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 91-57-6    | 2-Methylnaphthalene         | ND     |             | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 95-48-7    | 2-Methylphenol              | ND     |             | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 88-74-4    | 2-Nitroaniline              | ND     |             | ug/kg dry | 52.7                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 88-75-5    | 2-Nitrophenol               | ND     |             | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols        | ND     | CAL-E       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |             | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 99-09-2    | 3-Nitroaniline              | ND     |             | ug/kg dry | 52.7                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     | CAL-E, CCVE | ug/kg dry | 52.7                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     | CCVE        | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |             | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 106-47-8   | 4-Chloroaniline             | ND     |             | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |             | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 100-01-6   | 4-Nitroaniline              | ND     |             | ug/kg dry | 52.7                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 100-02-7   | 4-Nitrophenol               | ND     |             | ug/kg dry | 52.7                | 105  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 83-32-9    | Acenaphthene                | ND     |             | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 208-96-8   | Acenaphthylene              | ND     |             | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 98-86-2    | Acetophenone                | ND     |             | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 62-53-3    | Aniline                     | ND     | ICVE        | ug/kg dry | 106                 | 211  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 120-12-7   | Anthracene                  | ND     |             | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 1912-24-9  | Atrazine                    | ND     |             | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 100-52-7   | Benzaldehyde                | ND     |             | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |



### Sample Information

**Client Sample ID:** WC-12

**York Sample ID:** 24D1795-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                   | Result | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------|--------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-87-5  | Benzidine                   | ND     |       | ug/kg dry | 106                 | 211  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 56-55-3  | Benzo(a)anthracene          | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 50-32-8  | Benzo(a)pyrene              | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 205-99-2 | Benzo(b)fluoranthene        | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 191-24-2 | Benzo(g,h,i)perylene        | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 207-08-9 | Benzo(k)fluoranthene        | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 65-85-0  | Benzoic acid                | ND     | CAL-E | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 100-51-6 | Benzyl alcohol              | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 85-68-7  | Benzyl butyl phthalate      | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 111-91-1 | Bis(2-chloroethoxy)methane  | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 111-44-4 | Bis(2-chloroethyl)ether     | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 117-81-7 | Bis(2-ethylhexyl)phthalate  | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 105-60-2 | Caprolactam                 | ND     |       | ug/kg dry | 52.7                | 105  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 86-74-8  | Carbazole                   | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 218-01-9 | Chrysene                    | ND     | CCVE  | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 53-70-3  | Dibenzo(a,h)anthracene      | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 132-64-9 | Dibenzofuran                | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 84-66-2  | Diethyl phthalate           | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 131-11-3 | Dimethyl phthalate          | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 84-74-2  | Di-n-butyl phthalate        | ND     |       | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 117-84-0 | Di-n-octyl phthalate        | ND     | CAL-E | ug/kg dry | 26.4                | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 122-39-4 | * Diphenylamine             | ND     |       | ug/kg dry | 52.7                | 105  | 1        | EPA 8270E<br>Certifications:  | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |



### Sample Information

**Client Sample ID:** WC-12

**York Sample ID:** 24D1795-23

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                             | Result        | Flag          | Units     | Reported to LOD/MDL     | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------------|---------------|---------------|-----------|-------------------------|------|----------|---|--------------------|--------------------|---------|
| 206-44-0                    | Fluoranthene                          | ND            |               | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 86-73-7                     | Fluorene                              | ND            |               | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 118-74-1                    | Hexachlorobenzene                     | ND            |               | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 87-68-3                     | Hexachlorobutadiene                   | ND            | CCVE          | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 77-47-4                     | Hexachlorocyclopentadiene             | ND            | CCVE,<br>ICVE | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 67-72-1                     | Hexachloroethane                      | ND            |               | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 193-39-5                    | Indeno(1,2,3-cd)pyrene                | ND            |               | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 78-59-1                     | Isophorone                            | ND            |               | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 91-20-3                     | Naphthalene                           | ND            |               | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 98-95-3                     | Nitrobenzene                          | ND            |               | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 62-75-9                     | N-Nitrosodimethylamine                | ND            | CAL-E         | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 621-64-7                    | N-nitroso-di-n-propylamine            | ND            |               | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 86-30-6                     | N-Nitrosodiphenylamine                | ND            | CCVE          | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 87-86-5                     | Pentachlorophenol                     | ND            | CCVE          | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 85-01-8                     | Phenanthrene                          | ND            |               | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 108-95-2                    | Phenol                                | ND            |               | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| 129-00-0                    | Pyrene                                | ND            |               | ug/kg dry | 26.4                    | 52.7 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 19:41   | SS      |
| <b>Surrogate Recoveries</b> |                                       | <b>Result</b> |               |           | <b>Acceptance Range</b> |      |          |   |                    |                    |         |
| 4165-60-0                   | Surrogate: SURR: Nitrobenzene-d5      | 84.1 %        |               |           | 22-108                  |      |          |   |                    |                    |         |
| 321-60-8                    | Surrogate: SURR: 2-Fluorobiphenyl     | 74.2 %        |               |           | 21-113                  |      |          |   |                    |                    |         |
| 118-79-6                    | Surrogate: SURR: 2,4,6-Tribromophenol | 66.9 %        |               |           | 19-110                  |      |          |   |                    |                    |         |
| 1718-51-0                   | Surrogate: SURR: Terphenyl-d14        | 79.8 %        |               |           | 24-116                  |      |          |   |                    |                    |         |

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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



### Sample Information

**Client Sample ID:** WC-12

**York Sample ID:** 24D1795-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.    | Parameter             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------|--------|------|-------|---------------------|------|----------|--|--------------------|--------------------|---------|
| 106-46-7   | 1,4-Dichlorobenzene   | ND     |      | ug/L  | 3.23                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 05/02/2024 08:15   | 05/02/2024 13:51   | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol | ND     |      | ug/L  | 3.61                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 13:51   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol | ND     |      | ug/L  | 3.27                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 13:51   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene    | ND     |      | ug/L  | 2.37                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 13:51   | SS      |
| 95-48-7    | 2-Methylphenol        | ND     |      | ug/L  | 0.857               | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 13:51   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols  | ND     |      | ug/L  | 3.72                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 13:51   | SS      |
| 1319-77-3  | Cresols, total        | ND     |      | ug/L  | 3.70                | 15.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854                          | 05/02/2024 08:15   | 05/02/2024 13:51   | SS      |
| 118-74-1   | Hexachlorobenzene     | ND     |      | ug/L  | 2.96                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 13:51   | SS      |
| 87-68-3    | Hexachlorobutadiene   | ND     |      | ug/L  | 3.31                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 13:51   | SS      |
| 67-72-1    | Hexachloroethane      | ND     |      | ug/L  | 3.63                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 13:51   | SS      |
| 98-95-3    | Nitrobenzene          | ND     |      | ug/L  | 1.97                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 13:51   | SS      |
| 87-86-5    | Pentachlorophenol     | ND     |      | ug/L  | 3.76                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 13:51   | SS      |
| 110-86-1   | Pyridine              | ND     |      | ug/L  | 3.19                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 13:51   | SS      |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|            |                                       |        |          |
|------------|---------------------------------------|--------|----------|
| 367-12-4   | Surrogate: SURR: 2-Fluorophenol       | 52.7 % | 10-90.9  |
| 13127-88-3 | Surrogate: SURR: Phenol-d6            | 36.4 % | 10-69.2  |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5      | 77.6 % | 19.2-141 |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl     | 65.0 % | 24.8-127 |
| 118-79-6   | Surrogate: SURR: 2,4,6-Tribromophenol | 81.5 % | 23-163   |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14        | 71.6 % | 25.8-110 |

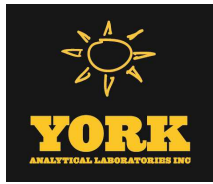
**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No. | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 72-54-8 | 4,4'-DDD  | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 72-55-9 | 4,4'-DDE  | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 50-29-3 | 4,4'-DDT  | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |



### Sample Information

**Client Sample ID:** WC-12

**York Sample ID:** 24D1795-23

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter           | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 309-00-2   | Aldrin              | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 319-84-6   | alpha-BHC           | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 5103-71-9  | alpha-Chlordane     | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 319-85-7   | beta-BHC            | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 57-74-9    | Chlordane, total    | ND     |      | ug/kg dry | 42.1            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 319-86-8   | delta-BHC           | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 60-57-1    | Dieldrin            | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 959-98-8   | Endosulfan I        | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 33213-65-9 | Endosulfan II       | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 1031-07-8  | Endosulfan sulfate  | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 72-20-8    | Endrin              | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 7421-93-4  | Endrin aldehyde     | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 53494-70-5 | Endrin ketone       | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 58-89-9    | gamma-BHC (Lindane) | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 5566-34-7  | gamma-Chlordane     | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 76-44-8    | Heptachlor          | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 1024-57-3  | Heptachlor epoxide  | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 72-43-5    | Methoxychlor        | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |
| 8001-35-2  | Toxaphene           | ND     |      | ug/kg dry | 2.11            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:15   | NF      |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|           |                                 |        |  |  |
|-----------|---------------------------------|--------|--|--|
| 2051-24-3 | Surrogate: Decachlorobiphenyl   | 93.6 % |  |  |
| 877-09-8  | Surrogate: Tetrachloro-m-xylene | 86.9 % |  |  |

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

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



### Sample Information

**Client Sample ID:** WC-12

**York Sample ID:** 24D1795-23

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No.                     | Parameter                       | Result        | Flag | Units | Reported to LOD/MDL     | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-------|-------------------------|--------|----------|--|--------------------|--------------------|---------|
| 57-74-9                     | Chlordane, total                | ND            |      | ug/L  | 0.250                   | 0.250  | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:06   | NF      |
| 72-20-8                     | Endrin                          | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:06   | NF      |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:06   | NF      |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:06   | NF      |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:06   | NF      |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:06   | NF      |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/L  | 1.25                    | 1.25   | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:06   | NF      |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |       | <b>Acceptance Range</b> |        |          |  |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 115 %         |      |       | 30-120                  |        |          |  |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 103 %         |      |       | 30-120                  |        |          |  |                    |                    |         |

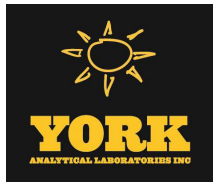
**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag | Units     | Reported to LOQ         | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |  |
|-----------------------------|---------------------------------|---------------|------|-----------|-------------------------|----------|---|--------------------|--------------------|---------|--|
| 12674-11-2                  | Aroclor 1016                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:02   | NF      |  |
| 11104-28-2                  | Aroclor 1221                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:02   | NF      |  |
| 11141-16-5                  | Aroclor 1232                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:02   | NF      |  |
| 53469-21-9                  | Aroclor 1242                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:02   | NF      |  |
| 12672-29-6                  | Aroclor 1248                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:02   | NF      |  |
| 11097-69-1                  | Aroclor 1254                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:02   | NF      |  |
| 11096-82-5                  | Aroclor 1260                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:02   | NF      |  |
| 37324-23-5                  | Aroclor 1262                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 05:02   | NF      |  |
| 11100-14-4                  | Aroclor 1268                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 05:02   | NF      |  |
| 1336-36-3                   | * Total PCBs                    | ND            |      | mg/kg dry | 0.0213                  | 1        | EPA 8082A<br>Certifications:  | 04/27/2024 07:18   | 04/29/2024 05:02   | NF      |  |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |   |                    |                    |         |  |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 74.5 %        |      |           | 30-140                  |          |   |                    |                    |         |  |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 77.5 %        |      |           | 30-140                  |          |   |                    |                    |         |  |



### Sample Information

**Client Sample ID:** WC-12

**York Sample ID:** 24D1795-23

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Herbicides, Target List**

Log-in Notes:

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            |                         | ug/kg dry | 25.2            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/30/2024 00:07   | BCJ     |
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/kg dry | 25.2            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/30/2024 00:07   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/kg dry | 25.2            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/30/2024 00:07   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 77.6 %        | 21-150                  |           |                 |          |   |                    |                    |         |

**Herbicides, TCLP Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

| CAS No.                     | Parameter                                       | Result        | Flag                    | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------------------------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:53   | 05/02/2024 17:24   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:53   | 05/02/2024 17:24   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |       |                 |          |  |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 68.6 %        | 10-150                  |       |                 |          |  |                    |                    |         |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

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 |
|-----------------------------|-------------------------------|---------------|-------------------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
|                             | * Total EPH                   | ND            |                         | mg/kg dry | 61.6            | 1        | NJDEP EPH Rev 3.0<br>Certifications: NJDEP-CT005 | 04/29/2024 08:23   | 04/30/2024 14:45   | GXB     |
| <b>Surrogate Recoveries</b> |                               | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |  |                    |                    |         |
| 3386-33-2                   | Surrogate: 1-Chlorooctadecane | 63.0 %        | 31.6-128                |           |                 |          |  |                    |                    |         |
| 84-15-1                     | Surrogate: o-Terphenyl        | 64.5 %        | 28.7-124                |           |                 |          |  |                    |                    |         |

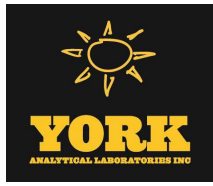
**Metals, Target Analyte**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 3660   |      | mg/kg dry | 5.34            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7440-36-0 | Antimony  | ND     |      | mg/kg dry | 2.67            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7440-38-2 | Arsenic   | 1.64   |      | mg/kg dry | 1.60            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |



### Sample Information

**Client Sample ID:** WC-12

**York Sample ID:** 24D1795-23

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag          | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|---------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-39-3 | Barium    | 14.9   |               | mg/kg dry | 2.66            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7440-41-7 | Beryllium | ND     |               | mg/kg dry | 0.054           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7440-43-9 | Cadmium   | ND     |               | mg/kg dry | 0.320           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7440-70-2 | Calcium   | 1260   |               | mg/kg dry | 5.34            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7440-47-3 | Chromium  | 9.63   |               | mg/kg dry | 0.534           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7440-48-4 | Cobalt    | 4.73   |               | mg/kg dry | 0.426           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7440-50-8 | Copper    | 7.81   |               | mg/kg dry | 2.13            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7439-89-6 | Iron      | 6470   |               | mg/kg dry | 26.7            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7439-92-1 | Lead      | 3.00   |               | mg/kg dry | 0.534           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7439-95-4 | Magnesium | 1620   |               | mg/kg dry | 5.34            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7439-96-5 | Manganese | 76.1   |               | mg/kg dry | 0.534           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7440-02-0 | Nickel    | 15.0   |               | mg/kg dry | 1.06            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7440-09-7 | Potassium | 747    | M-CCV<br>1, B | mg/kg dry | 5.34            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7782-49-2 | Selenium  | ND     |               | mg/kg dry | 2.67            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7440-22-4 | Silver    | ND     |               | mg/kg dry | 0.538           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7440-23-5 | Sodium    | 150    |               | mg/kg dry | 53.4            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7440-62-2 | Vanadium  | 12.1   |               | mg/kg dry | 1.06            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |
| 7440-66-6 | Zinc      | 25.9   |               | mg/kg dry | 2.66            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:11   | AGNR    |

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-38-2 | Arsenic   | ND     |      | mg/L  | 0.375           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/02/2024 08:08   | 05/02/2024 15:35   | AGNR    |
| 7440-39-3 | Barium    | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/02/2024 08:08   | 05/02/2024 15:35   | AGNR    |





### Sample Information

**Client Sample ID:** WC-12

**York Sample ID:** 24D1795-23

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-43-9 | Cadmium   | ND     |      | mg/L  | 0.075           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:35   | AGNR    |
| 7440-47-3 | Chromium  | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:35   | AGNR    |
| 7439-92-1 | Lead      | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:35   | AGNR    |
| 7782-49-2 | Selenium  | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:35   | AGNR    |
| 7440-22-4 | Silver    | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:35   | AGNR    |

**Thallium by EPA 6020**

**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 |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 0.107           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 08:56   | 05/01/2024 12:37   | AJL     |

**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 | 0.0384          | 1        | EPA 7473<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044 | 05/01/2024 09:05   | 05/01/2024 16:18   | DRS     |

**Mercury, TCLP**

**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  | 0.000200        | 1        | EPA 7470/1311<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108 | 05/01/2024 08:13   | 05/01/2024 08:13   | PFA     |

**Chloride, SPLP**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 300/1312

| CAS No.    | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 16887-00-6 | Chloride  | 3.60   |      | mg/L  | 0.500           | 1        | EPA 300.0<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005 | 05/01/2024 18:17   | 05/01/2024 18:17   | NJO     |

**Chromium, Hexavalent**

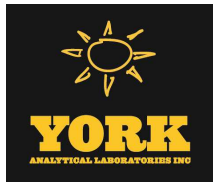
**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

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





## Sample Information

**Client Sample ID:** WC-12

**York Sample ID:** 24D1795-23

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

|  |                      |    |           |       |   |           |                  |                  |      |
|--|----------------------|----|-----------|-------|---|-----------|------------------|------------------|------|
| 18540-29-9   | Chromium, Hexavalent | ND | mg/kg dry | 0.640 | 1 | EPA 7196A | 05/01/2024 11:15 | 05/01/2024 16:49 | JAMT |
| Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044 |                      |    |           |       |   |           |                  |                  |      |

**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 |
|--|-----------|--------|------|----------|-----------------|----------|------------------|--------------------|--------------------|---------|
|  | pH        | 7.51   |      | pH units | 0.500           | 1        | EPA 9045D        | 04/30/2024 11:38   | 04/30/2024 15:37   | PRS     |
| Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440 |           |        |      |          |                 |          |                  |                    |                    |         |

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

| CAS No.  | Parameter      | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|--|----------------|--------|------|-----------|-----------------|----------|------------------|--------------------|--------------------|---------|
| 57-12-5  | Cyanide, total | ND     |      | mg/kg dry | 0.640           | 1        | EPA 9014/9010C   | 05/01/2024 07:15   | 05/01/2024 16:00   | PMB     |
| Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 |                |        |      |           |                 |          |                  |                    |                    |         |

**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/kg | 0.250           | 1        | EPA SW-846 Ch.7.3.3 | 04/30/2024 12:37   | 04/30/2024 17:42   | SL      |
| Certifications: CTDOH-PH-0723,PADEP-68-04440 |                        |        |      |       |                 |          |                     |                    |                    |         |

**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 | 64.0   |      | mg/kg | 15.0            | 1        | EPA SW-846 Ch.7.3.4 | 04/30/2024 12:43   | 04/30/2024 15:52   | 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 | 23.0   |      | °C    | 1.00            | 1        | EPA 170.1        | 04/30/2024 11:38   | 04/30/2024 15:39   | PRS     |
| Certifications: |               |        |      |       |                 |          |                  |                    |                    |         |

**Ignitability**

**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 |
|-----------------|----------------|------------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
|                 | * Ignitability | Non-Ignit. |      | None  | 1               | 1        | EPA 1030P        | 04/28/2024 06:49   | 04/28/2024 07:35   | CAM2    |
| Certifications: |                |            |      |       |                 |          |                  |                    |                    |         |

**Paint Filter Test**

**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 |
|---------|-----------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
|         |           |        |      |       |                 |          |                  |                    |                    |         |



Sample Information

Client Sample ID: WC-12

York Sample ID: 24D1795-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Paint Filter Test

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: Paint Filter Test, No Free Liquid, None, 0.05, 1, EPA 9095B, Certifications: NELAC-NY10854,NJDEP-CT005, 04/29/2024 09:21, 04/29/2024 10:55, JAMT

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, \* % Solids, 78.1, %, 0.100, 1, SM 2540G, Certifications: CTDOH-PH-0723, 04/30/2024 07:39, 04/30/2024 11:54, HLY

SPLP Extraction for WET CHEM EPA 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: SPLP Extraction, Completed, N/A, 1.00, 1, EPA 1312, Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044, 04/28/2024 15:55, 04/29/2024 17:50, TAJ

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044, 04/30/2024 16:43, 05/01/2024 11:05, TAJ

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044, 04/30/2024 16:45, 05/01/2024 11:12, TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044, 05/01/2024 15:43, 05/02/2024 10:56, CAM2

Sample Information

Client Sample ID: WC-12 (g)

York Sample ID: 24D1795-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

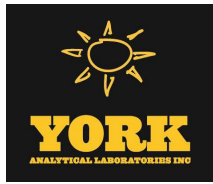
24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024



### Sample Information

**Client Sample ID:** WC-12 (g)

**York Sample ID:** 24D1795-24

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

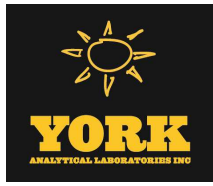
**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter   | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/kg dry | 61                  | 120 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 78-93-3  | 2-Butanone  | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |



### Sample Information

**Client Sample ID:** WC-12 (g)

**York Sample ID:** 24D1795-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

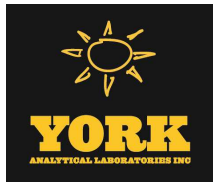
**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.    | Parameter                 | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 67-64-1    | Acetone                   | ND     | ICVE | ug/kg dry | 6.1                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 107-02-8   | Acrolein                  | ND     |      | ug/kg dry | 6.1                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 71-43-2    | Benzene                   | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 75-25-2    | Bromoform                 | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 74-83-9    | Bromomethane              | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 75-00-3    | Chloroethane              | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 67-66-3    | Chloroform                | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 74-87-3    | Chloromethane             | ND     | CCVE | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 110-82-7   | Cyclohexane               | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 74-95-3    | Dibromomethane            | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 75-71-8    | Dichlorodifluoromethane   | ND     | CCVE | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 98-82-8    | Isopropylbenzene          | ND     |      | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |



### Sample Information

**Client Sample ID:** WC-12 (g)

**York Sample ID:** 24D1795-24

**York Project (SDG) No.**  
24D1795

**Client Project ID**  
Four Sparrows

**Matrix**  
Soil

**Collection Date/Time**  
April 26, 2024 11:19 am

**Date Received**  
04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.     | Parameter                      | Result | Flag                    | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-------------|--------------------------------|--------|-------------------------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 79-20-9     | Methyl acetate                 | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 108-87-2    | Methylcyclohexane              | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 75-09-2     | Methylene chloride             | ND     |                         | ug/kg dry | 6.1                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 104-51-8    | n-Butylbenzene                 | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 103-65-1    | n-Propylbenzene                | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 95-47-6     | o-Xylene                       | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 179601-23-1 | p- & m- Xylenes                | ND     | QL-02                   | ug/kg dry | 6.1                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 99-87-6     | p-Isopropyltoluene             | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 135-98-8    | sec-Butylbenzene               | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 100-42-5    | Styrene                        | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 98-06-6     | tert-Butylbenzene              | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 127-18-4    | Tetrachloroethylene            | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 108-88-3    | Toluene                        | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 110-57-6    | * trans-1,4-dichloro-2-butene  | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 79-01-6     | Trichloroethylene              | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 75-69-4     | Trichlorofluoromethane         | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 75-01-4     | Vinyl Chloride                 | ND     |                         | ug/kg dry | 3.0                 | 6.1 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |
| 1330-20-7   | Xylenes, Total                 | ND     |                         | ug/kg dry | 9.1                 | 18  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:12   | BMT     |

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: WC-12 (g)

York Sample ID: 24D1795-24

York Project (SDG) No. 24D1795

Client Project ID Four Sparrows

Matrix Soil

Collection Date/Time April 26, 2024 11:19 am

Date Received 04/26/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include surrogate results for 1,2-Dichloroethane-d4, Toluene-d8, and p-Bromofluorobenzene.

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row shows % Solids result of 78.1.

Sample Information

Client Sample ID: WC-13

York Sample ID: 24D1795-25

York Project (SDG) No. 24D1795

Client Project ID Four Sparrows

Matrix Soil

Collection Date/Time April 26, 2024 11:19 am

Date Received 04/26/2024

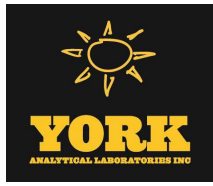
Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various organic compounds like 1,1-Dichloroethylene, Benzene, etc., all with ND results.



Sample Information

Client Sample ID: WC-13

York Sample ID: 24D1795-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Trichloroethylene, Vinyl Chloride, and Surrogate Recoveries.

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for 1,1-Biphenyl, 1,2,4,5-Tetrachlorobenzene, 1,2-Dichlorobenzene, etc.





### Sample Information

**Client Sample ID:** WC-13

**York Sample ID:** 24D1795-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                   | Result      | Flag        | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------------|-------------|-------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 91-58-7    | 2-Chloronaphthalene         | ND          |             | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 95-57-8    | 2-Chlorophenol              | ND          |             | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 91-57-6    | 2-Methylnaphthalene         | ND          |             | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 95-48-7    | 2-Methylphenol              | ND          |             | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 88-74-4    | 2-Nitroaniline              | ND          |             | ug/kg dry | 54.6                | 109  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 88-75-5    | 2-Nitrophenol               | ND          |             | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols        | ND          | CAL-E       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND          |             | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 99-09-2    | 3-Nitroaniline              | ND          |             | ug/kg dry | 54.6                | 109  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND          | CAL-E, CCVE | ug/kg dry | 54.6                | 109  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND          | CCVE        | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND          |             | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 106-47-8   | 4-Chloroaniline             | ND          |             | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND          |             | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 100-01-6   | 4-Nitroaniline              | ND          |             | ug/kg dry | 54.6                | 109  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 100-02-7   | 4-Nitrophenol               | ND          |             | ug/kg dry | 54.6                | 109  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 83-32-9    | <b>Acenaphthene</b>         | <b>53.3</b> | J           | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 208-96-8   | <b>Acenaphthylene</b>       | <b>131</b>  |             | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 98-86-2    | Acetophenone                | ND          |             | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 62-53-3    | Aniline                     | ND          | ICVE        | ug/kg dry | 109                 | 219  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 120-12-7   | <b>Anthracene</b>           | <b>120</b>  |             | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 1912-24-9  | Atrazine                    | ND          |             | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 100-52-7   | Benzaldehyde                | ND          |             | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |



### Sample Information

**Client Sample ID:** WC-13

**York Sample ID:** 24D1795-25

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                         | Result      | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------------|-------------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-87-5  | Benzidine                         | ND          |       | ug/kg dry | 109                 | 219  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 56-55-3  | <b>Benzo(a)anthracene</b>         | <b>391</b>  |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 50-32-8  | <b>Benzo(a)pyrene</b>             | <b>316</b>  |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 205-99-2 | <b>Benzo(b)fluoranthene</b>       | <b>411</b>  |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 191-24-2 | <b>Benzo(g,h,i)perylene</b>       | <b>214</b>  |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 207-08-9 | <b>Benzo(k)fluoranthene</b>       | <b>124</b>  |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 65-85-0  | Benzoic acid                      | ND          | CAL-E | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 100-51-6 | Benzyl alcohol                    | ND          |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 85-68-7  | <b>Benzyl butyl phthalate</b>     | <b>1590</b> |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 111-91-1 | Bis(2-chloroethoxy)methane        | ND          |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 111-44-4 | Bis(2-chloroethyl)ether           | ND          |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 108-60-1 | Bis(2-chloroisopropyl)ether       | ND          |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 117-81-7 | <b>Bis(2-ethylhexyl)phthalate</b> | <b>1040</b> |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 105-60-2 | Caprolactam                       | ND          |       | ug/kg dry | 54.6                | 109  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 86-74-8  | <b>Carbazole</b>                  | <b>54.6</b> |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 218-01-9 | <b>Chrysene</b>                   | <b>340</b>  | CCVE  | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 53-70-3  | <b>Dibenzo(a,h)anthracene</b>     | <b>67.3</b> |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 132-64-9 | Dibenzofuran                      | ND          |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 84-66-2  | Diethyl phthalate                 | ND          |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 131-11-3 | Dimethyl phthalate                | ND          |       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 84-74-2  | <b>Di-n-butyl phthalate</b>       | <b>42.8</b> | J     | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 117-84-0 | Di-n-octyl phthalate              | ND          | CAL-E | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 122-39-4 | * Diphenylamine                   | ND          |       | ug/kg dry | 54.6                | 109  | 1        | EPA 8270E<br>Certifications:  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |



### Sample Information

**Client Sample ID:** WC-13

**York Sample ID:** 24D1795-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                  | Result | Flag       | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|----------------------------|--------|------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 206-44-0 | Fluoranthene               | 763    |            | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 86-73-7  | Fluorene                   | 59.8   |            | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 118-74-1 | Hexachlorobenzene          | ND     |            | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 87-68-3  | Hexachlorobutadiene        | ND     | CCVE       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 77-47-4  | Hexachlorocyclopentadiene  | ND     | CCVE, ICVE | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 67-72-1  | Hexachloroethane           | ND     |            | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | 281    |            | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 78-59-1  | Isophorone                 | ND     |            | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 91-20-3  | Naphthalene                | 34.5   | J          | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 98-95-3  | Nitrobenzene               | ND     |            | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     | CAL-E      | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 621-64-7 | N-nitroso-di-n-propylamine | ND     |            | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 86-30-6  | N-Nitrosodiphenylamine     | ND     | CCVE       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 87-86-5  | Pentachlorophenol          | ND     | CCVE       | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 85-01-8  | Phenanthrene               | 520    |            | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 108-95-2 | Phenol                     | ND     |            | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |
| 129-00-0 | Pyrene                     | 762    |            | ug/kg dry | 27.4                | 54.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 22:55   | SS      |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|           |                                       |        |        |
|-----------|---------------------------------------|--------|--------|
| 4165-60-0 | Surrogate: SURR: Nitrobenzene-d5      | 92.3 % | 22-108 |
| 321-60-8  | Surrogate: SURR: 2-Fluorobiphenyl     | 79.2 % | 21-113 |
| 118-79-6  | Surrogate: SURR: 2,4,6-Tribromophenol | 76.1 % | 19-110 |
| 1718-51-0 | Surrogate: SURR: Terphenyl-d14        | 91.9 % | 24-116 |

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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



### Sample Information

**Client Sample ID:** WC-13

**York Sample ID:** 24D1795-25

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.    | Parameter             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------|--------|------|-------|---------------------|------|----------|--|--------------------|--------------------|---------|
| 106-46-7   | 1,4-Dichlorobenzene   | ND     |      | ug/L  | 3.23                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 05/02/2024 08:15   | 05/02/2024 14:21   | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol | ND     |      | ug/L  | 3.61                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:21   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol | ND     |      | ug/L  | 3.27                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:21   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene    | ND     |      | ug/L  | 2.37                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:21   | SS      |
| 95-48-7    | 2-Methylphenol        | ND     |      | ug/L  | 0.857               | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:21   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols  | ND     |      | ug/L  | 3.72                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:21   | SS      |
| 1319-77-3  | Cresols, total        | ND     |      | ug/L  | 3.70                | 15.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854                          | 05/02/2024 08:15   | 05/02/2024 14:21   | SS      |
| 118-74-1   | Hexachlorobenzene     | ND     |      | ug/L  | 2.96                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:21   | SS      |
| 87-68-3    | Hexachlorobutadiene   | ND     |      | ug/L  | 3.31                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:21   | SS      |
| 67-72-1    | Hexachloroethane      | ND     |      | ug/L  | 3.63                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:21   | SS      |
| 98-95-3    | Nitrobenzene          | ND     |      | ug/L  | 1.97                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:21   | SS      |
| 87-86-5    | Pentachlorophenol     | ND     |      | ug/L  | 3.76                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:21   | SS      |
| 110-86-1   | Pyridine              | ND     |      | ug/L  | 3.19                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:21   | SS      |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|            |                                       |        |          |
|------------|---------------------------------------|--------|----------|
| 367-12-4   | Surrogate: SURR: 2-Fluorophenol       | 57.0 % | 10-90.9  |
| 13127-88-3 | Surrogate: SURR: Phenol-d6            | 40.9 % | 10-69.2  |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5      | 76.6 % | 19.2-141 |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl     | 66.9 % | 24.8-127 |
| 118-79-6   | Surrogate: SURR: 2,4,6-Tribromophenol | 86.4 % | 23-163   |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14        | 74.4 % | 25.8-110 |

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No. | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 72-54-8 | 4,4'-DDD  | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 72-55-9 | 4,4'-DDE  | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 50-29-3 | 4,4'-DDT  | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |



### Sample Information

**Client Sample ID:** WC-13

**York Sample ID:** 24D1795-25

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter           | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 309-00-2   | Aldrin              | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 319-84-6   | alpha-BHC           | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 5103-71-9  | alpha-Chlordane     | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 319-85-7   | beta-BHC            | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 57-74-9    | Chlordane, total    | ND     |      | ug/kg dry | 43.5            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 319-86-8   | delta-BHC           | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 60-57-1    | Dieldrin            | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 959-98-8   | Endosulfan I        | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 33213-65-9 | Endosulfan II       | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 1031-07-8  | Endosulfan sulfate  | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 72-20-8    | Endrin              | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 7421-93-4  | Endrin aldehyde     | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 53494-70-5 | Endrin ketone       | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 58-89-9    | gamma-BHC (Lindane) | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 5566-34-7  | gamma-Chlordane     | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 76-44-8    | Heptachlor          | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 1024-57-3  | Heptachlor epoxide  | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 72-43-5    | Methoxychlor        | ND     |      | ug/kg dry | 2.18            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |
| 8001-35-2  | Toxaphene           | ND     |      | ug/kg dry | 218             | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:32   | NF      |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|           |                                 |        |        |
|-----------|---------------------------------|--------|--------|
| 2051-24-3 | Surrogate: Decachlorobiphenyl   | 101 %  | 30-150 |
| 877-09-8  | Surrogate: Tetrachloro-m-xylene | 97.6 % | 30-150 |

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

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



### Sample Information

**Client Sample ID:** WC-13

**York Sample ID:** 24D1795-25

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No.                     | Parameter                       | Result        | Flag | Units | Reported to LOD/MDL     | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-------|-------------------------|--------|----------|--|--------------------|--------------------|---------|
| 57-74-9                     | Chlordane, total                | ND            |      | ug/L  | 0.250                   | 0.250  | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:23   | NF      |
| 72-20-8                     | Endrin                          | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:23   | NF      |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:23   | NF      |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:23   | NF      |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:23   | NF      |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:23   | NF      |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/L  | 1.25                    | 1.25   | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:23   | NF      |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |       | <b>Acceptance Range</b> |        |          |  |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 32.3 %        |      |       | 30-120                  |        |          |  |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 98.1 %        |      |       | 30-120                  |        |          |  |                    |                    |         |

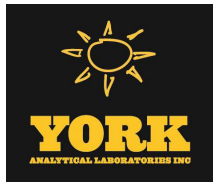
**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag | Units     | Reported to LOQ         | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |  |
|-----------------------------|---------------------------------|---------------|------|-----------|-------------------------|----------|---|--------------------|--------------------|---------|--|
| 12674-11-2                  | Aroclor 1016                    | ND            |      | mg/kg dry | 0.0220                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:16   | NF      |  |
| 11104-28-2                  | Aroclor 1221                    | ND            |      | mg/kg dry | 0.0220                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:16   | NF      |  |
| 11141-16-5                  | Aroclor 1232                    | ND            |      | mg/kg dry | 0.0220                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:16   | NF      |  |
| 53469-21-9                  | Aroclor 1242                    | ND            |      | mg/kg dry | 0.0220                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:16   | NF      |  |
| 12672-29-6                  | Aroclor 1248                    | ND            |      | mg/kg dry | 0.0220                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:16   | NF      |  |
| 11097-69-1                  | Aroclor 1254                    | ND            |      | mg/kg dry | 0.0220                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:16   | NF      |  |
| 11096-82-5                  | Aroclor 1260                    | ND            |      | mg/kg dry | 0.0220                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:16   | NF      |  |
| 37324-23-5                  | Aroclor 1262                    | ND            |      | mg/kg dry | 0.0220                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 05:16   | NF      |  |
| 11100-14-4                  | Aroclor 1268                    | ND            |      | mg/kg dry | 0.0220                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 05:16   | NF      |  |
| 1336-36-3                   | * Total PCBs                    | ND            |      | mg/kg dry | 0.0220                  | 1        | EPA 8082A<br>Certifications:  | 04/27/2024 07:18   | 04/29/2024 05:16   | NF      |  |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |   |                    |                    |         |  |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 81.5 %        |      |           | 30-140                  |          |   |                    |                    |         |  |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 78.5 %        |      |           | 30-140                  |          |   |                    |                    |         |  |



### Sample Information

**Client Sample ID:** WC-13

**York Sample ID:** 24D1795-25

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Herbicides, Target List**

**Log-in Notes:**

**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            |                         | ug/kg dry | 26.3            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/30/2024 00:17   | BCJ     |
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/kg dry | 26.3            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/30/2024 00:17   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/kg dry | 26.3            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/30/2024 00:17   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 103 %         | 21-150                  |           |                 |          |   |                    |                    |         |

**Herbicides, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

| CAS No.                     | Parameter                                       | Result        | Flag                    | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------------------------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:53   | 05/02/2024 17:35   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:53   | 05/02/2024 17:35   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |       |                 |          |  |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 61.8 %        | 10-150                  |       |                 |          |  |                    |                    |         |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

**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 |
|-----------------------------|-------------------------------|---------------|-------------------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
|                             | <b>* Total EPH</b>            | <b>92.5</b>   |                         | mg/kg dry | 65.5            | 1        | NJDEP EPH Rev 3.0<br>Certifications: NJDEP-CT005 | 04/29/2024 08:23   | 04/30/2024 15:15   | GXB     |
| <b>Surrogate Recoveries</b> |                               | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |  |                    |                    |         |
| 3386-33-2                   | Surrogate: 1-Chlorooctadecane | 77.7 %        | 31.6-128                |           |                 |          |  |                    |                    |         |
| 84-15-1                     | Surrogate: o-Terphenyl        | 78.8 %        | 28.7-124                |           |                 |          |  |                    |                    |         |

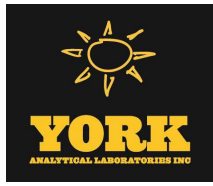
**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter       | Result      | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------------|-------------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7429-90-5 | <b>Aluminum</b> | <b>7110</b> |      | mg/kg dry | 5.51            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7440-36-0 | Antimony        | ND          |      | mg/kg dry | 2.76            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7440-38-2 | <b>Arsenic</b>  | <b>4.55</b> |      | mg/kg dry | 1.65            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |



### Sample Information

**Client Sample ID:** WC-13

**York Sample ID:** 24D1795-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag          | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|---------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-39-3 | Barium    | 85.2   |               | mg/kg dry | 2.75            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7440-41-7 | Beryllium | ND     |               | mg/kg dry | 0.056           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7440-43-9 | Cadmium   | 1.02   |               | mg/kg dry | 0.331           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7440-70-2 | Calcium   | 2510   |               | mg/kg dry | 5.51            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7440-47-3 | Chromium  | 19.6   |               | mg/kg dry | 0.552           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7440-48-4 | Cobalt    | 4.88   |               | mg/kg dry | 0.441           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7440-50-8 | Copper    | 35.4   |               | mg/kg dry | 2.21            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7439-89-6 | Iron      | 13100  |               | mg/kg dry | 27.6            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7439-92-1 | Lead      | 116    |               | mg/kg dry | 0.552           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7439-95-4 | Magnesium | 1880   |               | mg/kg dry | 5.52            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7439-96-5 | Manganese | 256    |               | mg/kg dry | 0.552           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7440-02-0 | Nickel    | 33.9   |               | mg/kg dry | 1.10            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7440-09-7 | Potassium | 798    | M-CCV<br>1, B | mg/kg dry | 5.52            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7782-49-2 | Selenium  | ND     |               | mg/kg dry | 2.76            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7440-22-4 | Silver    | ND     |               | mg/kg dry | 0.556           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7440-23-5 | Sodium    | 117    |               | mg/kg dry | 55.1            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7440-62-2 | Vanadium  | 24.0   |               | mg/kg dry | 1.10            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |
| 7440-66-6 | Zinc      | 226    |               | mg/kg dry | 2.75            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:14   | AGNR    |

**Metals, TCLP RCRA**

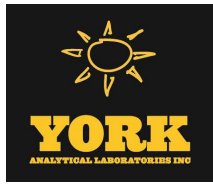
**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-38-2 | Arsenic   | ND     |      | mg/L  | 0.375           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/02/2024 08:08   | 05/02/2024 15:38   | AGNR    |
| 7440-39-3 | Barium    | 0.688  |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/02/2024 08:08   | 05/02/2024 15:38   | AGNR    |





### Sample Information

Client Sample ID: WC-13

York Sample ID: 24D1795-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

#### Metals, TCLP RCRA

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-43-9 | Cadmium   | ND     |      | mg/L  | 0.075           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:38   | AGNR    |
| 7440-47-3 | Chromium  | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:38   | AGNR    |
| 7439-92-1 | Lead      | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:38   | AGNR    |
| 7782-49-2 | Selenium  | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:38   | AGNR    |
| 7440-22-4 | Silver    | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:38   | AGNR    |

#### Thallium by EPA 6020

#### 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 |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 0.110           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 08:56   | 05/01/2024 12:41   | AJL     |

#### 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   | 0.202  |      | mg/kg dry | 0.0397          | 1        | EPA 7473<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044 | 05/01/2024 09:05   | 05/01/2024 16:18   | DRS     |

#### Mercury, TCLP

#### 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  | 0.000200        | 1        | EPA 7470/1311<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY10854 | 05/01/2024 08:13   | 05/01/2024 08:13   | PFA     |

#### Chloride, SPLP

#### Log-in Notes:

#### Sample Notes:

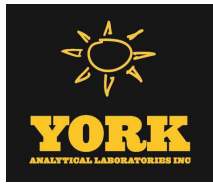
Sample Prepared by Method: EPA 300/1312

| CAS No.    | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 16887-00-6 | Chloride  | 0.845  |      | mg/L  | 0.500           | 1        | EPA 300.0<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005 | 05/01/2024 18:28   | 05/01/2024 18:28   | NJO     |

#### Chromium, Hexavalent

#### Log-in Notes:

#### Sample Notes:



### Sample Information

**Client Sample ID:** WC-13

**York Sample ID:** 24D1795-25

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

Sample Prepared by Method: EPA SW846-3060

| CAS No.    | Parameter            | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|----------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 18540-29-9 | Chromium, Hexavalent | ND     |      | mg/kg dry | 0.662           | 1        | EPA 7196A<br>Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044 | 05/01/2024 14:50   | 05/01/2024 20:46   | SMK     |

**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 |
|---------|-----------|--------|------|----------|-----------------|----------|---|--------------------|--------------------|---------|
|         | pH        | 7.49   |      | pH units | 0.500           | 1        | EPA 9045D<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440 | 04/30/2024 11:38   | 04/30/2024 15:37   | PRS     |

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

| CAS No. | Parameter      | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|----------------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 57-12-5 | Cyanide, total | ND     |      | mg/kg dry | 0.662           | 1        | EPA 9014/9010C<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 05/01/2024 07:15   | 05/01/2024 16:00   | PMB     |

**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/kg | 0.250           | 1        | EPA SW-846 Ch.7.3.3<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/30/2024 12:37   | 04/30/2024 17:42   | SL      |

**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<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/30/2024 12:43   | 04/30/2024 15:52   | SL      |

**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 | 23.0   |      | °C    | 1.00            | 1        | EPA 170.1<br>Certifications: | 04/30/2024 11:38   | 04/30/2024 15:39   | PRS     |

**Ignitability**

**Log-in Notes:**

**Sample Notes:**

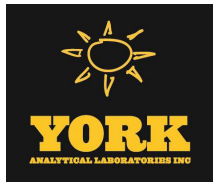
Sample Prepared by Method: Analysis Preparation

| CAS No. | Parameter      | Result     | Flag | Units | Reported to LOQ | Dilution | Reference Method             | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|----------------|------------|------|-------|-----------------|----------|------------------------------|--------------------|--------------------|---------|
|         | * Ignitability | Non-Ignit. |      | None  | 1               | 1        | EPA 1030P<br>Certifications: | 04/28/2024 06:49   | 04/28/2024 07:35   | CAM2    |

**Paint Filter Test**

**Log-in Notes:**

**Sample Notes:**



Sample Information

Client Sample ID: WC-13

York Sample ID: 24D1795-25

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: Paint Filter Test, No Free Liquid, None, 0.05, 1, EPA 9095B, 04/29/2024 09:21, 04/29/2024 10:55, JAMT

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: \* % Solids, 75.6, %, 0.100, 1, SM 2540G, 04/30/2024 07:39, 04/30/2024 11:54, HLY

SPLP Extraction for WET CHEM EPA 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: SPLP Extraction, Completed, N/A, 1.00, 1, EPA 1312, 04/28/2024 15:55, 04/29/2024 17:50, TAJ

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/30/2024 16:43, 05/01/2024 11:05, TAJ

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/30/2024 16:45, 05/01/2024 11:12, TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 05/01/2024 15:43, 05/02/2024 10:56, CAM2

Sample Information

Client Sample ID: WC-13 (g)

York Sample ID: 24D1795-26

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024



### Sample Information

**Client Sample ID:** WC-13 (g)

**York Sample ID:** 24D1795-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter   | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/kg dry | 69                  | 140 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 78-93-3  | 2-Butanone  | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |      | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |



### Sample Information

**Client Sample ID:** WC-13 (g)

**York Sample ID:** 24D1795-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.    | Parameter                 | Result | Flag    | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------|--------|---------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 67-64-1    | Acetone                   | 8.9    | J, ICVE | ug/kg dry | 6.9                 | 14  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 107-02-8   | Acrolein                  | ND     |         | ug/kg dry | 6.9                 | 14  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 107-13-1   | Acrylonitrile             | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 71-43-2    | Benzene                   | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 74-97-5    | Bromochloromethane        | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 75-27-4    | Bromodichloromethane      | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 75-25-2    | Bromoform                 | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 74-83-9    | Bromomethane              | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 75-15-0    | Carbon disulfide          | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 56-23-5    | Carbon tetrachloride      | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 108-90-7   | Chlorobenzene             | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 75-00-3    | Chloroethane              | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 67-66-3    | Chloroform                | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 74-87-3    | Chloromethane             | ND     | CCVE    | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 110-82-7   | Cyclohexane               | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 124-48-1   | Dibromochloromethane      | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 74-95-3    | Dibromomethane            | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 75-71-8    | Dichlorodifluoromethane   | ND     | CCVE    | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 100-41-4   | Ethyl Benzene             | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 87-68-3    | Hexachlorobutadiene       | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 98-82-8    | Isopropylbenzene          | ND     |         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |



### Sample Information

**Client Sample ID:** WC-13 (g)

**York Sample ID:** 24D1795-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.     | Parameter                      | Result | Flag                    | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-------------|--------------------------------|--------|-------------------------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 79-20-9     | Methyl acetate                 | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 108-87-2    | Methylcyclohexane              | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 75-09-2     | Methylene chloride             | ND     |                         | ug/kg dry | 6.9                 | 14  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 104-51-8    | n-Butylbenzene                 | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 103-65-1    | n-Propylbenzene                | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 95-47-6     | o-Xylene                       | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 179601-23-1 | p- & m- Xylenes                | ND     | QL-02                   | ug/kg dry | 6.9                 | 14  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 99-87-6     | p-Isopropyltoluene             | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 135-98-8    | sec-Butylbenzene               | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 100-42-5    | Styrene                        | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 98-06-6     | tert-Butylbenzene              | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 127-18-4    | Tetrachloroethylene            | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 108-88-3    | Toluene                        | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 110-57-6    | * trans-1,4-dichloro-2-butene  | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 79-01-6     | Trichloroethylene              | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 75-69-4     | Trichlorofluoromethane         | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 75-01-4     | Vinyl Chloride                 | ND     |                         | ug/kg dry | 3.4                 | 6.9 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |
| 1330-20-7   | Xylenes, Total                 | ND     |                         | ug/kg dry | 10                  | 21  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 16:40   | BMT     |

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: WC-13 (g)

York Sample ID: 24D1795-26

York Project (SDG) No. 24D1795

Client Project ID Four Sparrows

Matrix Soil

Collection Date/Time April 26, 2024 11:19 am

Date Received 04/26/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include surrogate results for 1,2-Dichloroethane-d4, Toluene-d8, and p-Bromofluorobenzene.

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row shows % Solids result of 75.6.

Sample Information

Client Sample ID: WC-14

York Sample ID: 24D1795-27

York Project (SDG) No. 24D1795

Client Project ID Four Sparrows

Matrix Soil

Collection Date/Time April 26, 2024 11:19 am

Date Received 04/26/2024

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various organic compounds like 1,1-Dichloroethylene, Benzene, etc., all with ND results.



### Sample Information

**Client Sample ID:** WC-14

**York Sample ID:** 24D1795-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

| CAS No.                     | Parameter   | Result        | Flag | Units | Reported to LOD/MDL     | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|------|-------|-------------------------|-----|----------|--|--------------------|--------------------|---------|
| 79-01-6                     | Trichloroethylene                                       | ND            |      | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 05/02/2024 08:00   | 05/02/2024 12:41   | BMT     |
| 75-01-4                     | Vinyl Chloride  | ND            |      | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 05/02/2024 08:00   | 05/02/2024 12:41   | BMT     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> |      |       | <b>Acceptance Range</b> |     |          |  |                    |                    |         |
| 17060-07-0                  | Surrogate: <i>SURR:</i><br><i>1,2-Dichloroethane-d4</i> | 95.8 %        |      |       | 77-125                  |     |          |  |                    |                    |         |
| 460-00-4                    | Surrogate: <i>SURR:</i><br><i>p-Bromofluorobenzene</i>  | 118 %         |      |       | 84.2-124                |     |          |  |                    |                    |         |
| 2037-26-5                   | Surrogate: <i>SURR:</i> <i>Toluene-d8</i>               | 104 %         |      |       | 85-120                  |     |          |  |                    |                    |         |

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                             | Result | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---------------------------------------|--------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-52-4  | 1,1-Biphenyl                          | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND     | CCVE  | ug/kg dry | 63.6                | 127  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND     | CCVE  | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                   | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                   | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol             | ND     | CCVE  | ug/kg dry | 63.6                | 127  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 95-95-4  | 2,4,5-Trichlorophenol                 | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 88-06-2  | 2,4,6-Trichlorophenol                 | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 120-83-2 | 2,4-Dichlorophenol                    | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 105-67-9 | 2,4-Dimethylphenol                    | ND     | ICVE  | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 51-28-5  | 2,4-Dinitrophenol                     | ND     | CAL-E | ug/kg dry | 63.6                | 127  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 121-14-2 | 2,4-Dinitrotoluene                    | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 606-20-2 | 2,6-Dinitrotoluene                    | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |





### Sample Information

**Client Sample ID:** WC-14

**York Sample ID:** 24D1795-27

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                   | Result | Flag        | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------------|--------|-------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 91-58-7    | 2-Chloronaphthalene         | ND     |             | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 95-57-8    | 2-Chlorophenol              | ND     |             | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 91-57-6    | 2-Methylnaphthalene         | ND     |             | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 95-48-7    | 2-Methylphenol              | ND     |             | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 88-74-4    | 2-Nitroaniline              | ND     |             | ug/kg dry | 63.6                | 127  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 88-75-5    | 2-Nitrophenol               | ND     |             | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols        | ND     | CAL-E       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |             | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 99-09-2    | 3-Nitroaniline              | ND     |             | ug/kg dry | 63.6                | 127  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     | CAL-E, CCVE | ug/kg dry | 63.6                | 127  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     | CCVE        | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |             | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 106-47-8   | 4-Chloroaniline             | ND     |             | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |             | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 100-01-6   | 4-Nitroaniline              | ND     |             | ug/kg dry | 63.6                | 127  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 100-02-7   | 4-Nitrophenol               | ND     |             | ug/kg dry | 63.6                | 127  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 83-32-9    | Acenaphthene                | ND     |             | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 208-96-8   | Acenaphthylene              | ND     |             | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 98-86-2    | Acetophenone                | ND     |             | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 62-53-3    | Aniline                     | ND     | ICVE        | ug/kg dry | 127                 | 255  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 120-12-7   | Anthracene                  | ND     |             | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 1912-24-9  | Atrazine                    | ND     |             | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 100-52-7   | Benzaldehyde                | ND     |             | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |



### Sample Information

**Client Sample ID:** WC-14

**York Sample ID:** 24D1795-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                   | Result | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------|--------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-87-5  | Benzidine                   | ND     |       | ug/kg dry | 127                 | 255  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 56-55-3  | Benzo(a)anthracene          | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 50-32-8  | Benzo(a)pyrene              | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 205-99-2 | Benzo(b)fluoranthene        | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 191-24-2 | Benzo(g,h,i)perylene        | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 207-08-9 | Benzo(k)fluoranthene        | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 65-85-0  | Benzoic acid                | ND     | CAL-E | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 100-51-6 | Benzyl alcohol              | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 85-68-7  | Benzyl butyl phthalate      | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 111-91-1 | Bis(2-chloroethoxy)methane  | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 111-44-4 | Bis(2-chloroethyl)ether     | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 117-81-7 | Bis(2-ethylhexyl)phthalate  | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 105-60-2 | Caprolactam                 | ND     |       | ug/kg dry | 63.6                | 127  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 86-74-8  | Carbazole                   | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 218-01-9 | Chrysene                    | ND     | CCVE  | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 53-70-3  | Dibenzo(a,h)anthracene      | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 132-64-9 | Dibenzofuran                | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 84-66-2  | Diethyl phthalate           | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 131-11-3 | Dimethyl phthalate          | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 84-74-2  | Di-n-butyl phthalate        | ND     |       | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 117-84-0 | Di-n-octyl phthalate        | ND     | CAL-E | ug/kg dry | 31.9                | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 122-39-4 | * Diphenylamine             | ND     |       | ug/kg dry | 63.6                | 127  | 1        | EPA 8270E<br>Certifications:  | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |



### Sample Information

**Client Sample ID:** WC-14

**York Sample ID:** 24D1795-27

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                             | Result        | Flag       | Units     | Reported to LOD/MDL     | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------------|---------------|------------|-----------|-------------------------|------|----------|---|--------------------|--------------------|---------|
| 206-44-0                    | Fluoranthene                          | ND            |            | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 86-73-7                     | Fluorene                              | ND            |            | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 118-74-1                    | Hexachlorobenzene                     | ND            |            | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 87-68-3                     | Hexachlorobutadiene                   | ND            | CCVE       | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 77-47-4                     | Hexachlorocyclopentadiene             | ND            | CCVE, ICVE | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 67-72-1                     | Hexachloroethane                      | ND            |            | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 193-39-5                    | Indeno(1,2,3-cd)pyrene                | ND            |            | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 78-59-1                     | Isophorone                            | ND            |            | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 91-20-3                     | Naphthalene                           | ND            |            | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 98-95-3                     | Nitrobenzene                          | ND            |            | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 62-75-9                     | N-Nitrosodimethylamine                | ND            | CAL-E      | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 621-64-7                    | N-nitroso-di-n-propylamine            | ND            |            | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 86-30-6                     | N-Nitrosodiphenylamine                | ND            | CCVE       | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 87-86-5                     | Pentachlorophenol                     | ND            | CCVE       | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 85-01-8                     | Phenanthrene                          | ND            |            | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 108-95-2                    | Phenol                                | ND            |            | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| 129-00-0                    | Pyrene                                | ND            |            | ug/kg dry | 31.9                    | 63.6 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:09   | SS      |
| <b>Surrogate Recoveries</b> |                                       | <b>Result</b> |            |           | <b>Acceptance Range</b> |      |          |   |                    |                    |         |
| 4165-60-0                   | Surrogate: SURR: Nitrobenzene-d5      | 94.6 %        |            |           | 22-108                  |      |          |   |                    |                    |         |
| 321-60-8                    | Surrogate: SURR: 2-Fluorobiphenyl     | 83.6 %        |            |           | 21-113                  |      |          |   |                    |                    |         |
| 118-79-6                    | Surrogate: SURR: 2,4,6-Tribromophenol | 76.8 %        |            |           | 19-110                  |      |          |   |                    |                    |         |
| 1718-51-0                   | Surrogate: SURR: Terphenyl-d14        | 89.4 %        |            |           | 24-116                  |      |          |   |                    |                    |         |

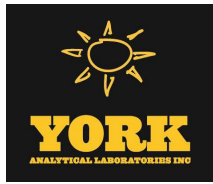
**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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



### Sample Information

**Client Sample ID:** WC-14

**York Sample ID:** 24D1795-27

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.    | Parameter             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------|--------|------|-------|---------------------|------|----------|--|--------------------|--------------------|---------|
| 106-46-7   | 1,4-Dichlorobenzene   | ND     |      | ug/L  | 3.23                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 05/02/2024 08:15   | 05/02/2024 14:51   | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol | ND     |      | ug/L  | 3.61                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:51   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol | ND     |      | ug/L  | 3.27                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:51   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene    | ND     |      | ug/L  | 2.37                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:51   | SS      |
| 95-48-7    | 2-Methylphenol        | ND     |      | ug/L  | 0.857               | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:51   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols  | ND     |      | ug/L  | 3.72                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:51   | SS      |
| 1319-77-3  | Cresols, total        | ND     |      | ug/L  | 3.70                | 15.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854                          | 05/02/2024 08:15   | 05/02/2024 14:51   | SS      |
| 118-74-1   | Hexachlorobenzene     | ND     |      | ug/L  | 2.96                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:51   | SS      |
| 87-68-3    | Hexachlorobutadiene   | ND     |      | ug/L  | 3.31                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:51   | SS      |
| 67-72-1    | Hexachloroethane      | ND     |      | ug/L  | 3.63                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:51   | SS      |
| 98-95-3    | Nitrobenzene          | ND     |      | ug/L  | 1.97                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:51   | SS      |
| 87-86-5    | Pentachlorophenol     | ND     |      | ug/L  | 3.76                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:51   | SS      |
| 110-86-1   | Pyridine              | ND     |      | ug/L  | 3.19                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 14:51   | SS      |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|            |                                       |        |          |
|------------|---------------------------------------|--------|----------|
| 367-12-4   | Surrogate: SURR: 2-Fluorophenol       | 54.4 % | 10-90.9  |
| 13127-88-3 | Surrogate: SURR: Phenol-d6            | 37.8 % | 10-69.2  |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5      | 77.0 % | 19.2-141 |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl     | 65.7 % | 24.8-127 |
| 118-79-6   | Surrogate: SURR: 2,4,6-Tribromophenol | 83.8 % | 23-163   |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14        | 74.8 % | 25.8-110 |

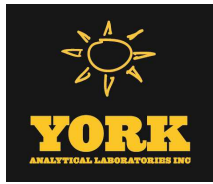
**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No. | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 72-54-8 | 4,4'-DDD  | ND     |      | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 72-55-9 | 4,4'-DDE  | ND     |      | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 50-29-3 | 4,4'-DDT  | ND     |      | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |



### Sample Information

**Client Sample ID:** WC-14

**York Sample ID:** 24D1795-27

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag                    | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|-------------------------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 309-00-2                    | Aldrin                          | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 319-84-6                    | alpha-BHC                       | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 5103-71-9                   | alpha-Chlordane                 | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 319-85-7                    | beta-BHC                        | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 57-74-9                     | Chlordane, total                | ND            |                         | ug/kg dry | 50.5            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 319-86-8                    | delta-BHC                       | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 60-57-1                     | Dieldrin                        | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 959-98-8                    | Endosulfan I                    | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 33213-65-9                  | Endosulfan II                   | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 1031-07-8                   | Endosulfan sulfate              | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 72-20-8                     | Endrin                          | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 7421-93-4                   | Endrin aldehyde                 | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 53494-70-5                  | Endrin ketone                   | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 5566-34-7                   | gamma-Chlordane                 | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 76-44-8                     | Heptachlor                      | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 1024-57-3                   | Heptachlor epoxide              | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 72-43-5                     | Methoxychlor                    | ND            |                         | ug/kg dry | 2.52            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| 8001-35-2                   | Toxaphene                       | ND            |                         | ug/kg dry | 252             | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 18:48   | NF      |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 101 %         | 30-150                  |           |                 |          |   |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 95.5 %        | 30-150                  |           |                 |          |   |                    |                    |         |

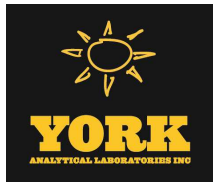
**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

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



### Sample Information

**Client Sample ID:** WC-14

**York Sample ID:** 24D1795-27

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No.                     | Parameter                       | Result        | Flag | Units | Reported to LOD/MDL     | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-------|-------------------------|--------|----------|--|--------------------|--------------------|---------|
| 57-74-9                     | Chlordane, total                | ND            |      | ug/L  | 0.250                   | 0.250  | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:40   | NF      |
| 72-20-8                     | Endrin                          | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:40   | NF      |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:40   | NF      |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:40   | NF      |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:40   | NF      |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:40   | NF      |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/L  | 1.25                    | 1.25   | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:40   | NF      |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |       | <b>Acceptance Range</b> |        |          |  |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 109 %         |      |       | 30-120                  |        |          |  |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 99.1 %        |      |       | 30-120                  |        |          |  |                    |                    |         |

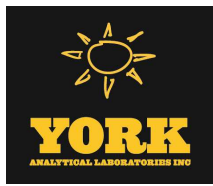
**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag | Units     | Reported to LOQ         | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |  |
|-----------------------------|---------------------------------|---------------|------|-----------|-------------------------|----------|---|--------------------|--------------------|---------|--|
| 12674-11-2                  | Aroclor 1016                    | ND            |      | mg/kg dry | 0.0255                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:29   | NF      |  |
| 11104-28-2                  | Aroclor 1221                    | ND            |      | mg/kg dry | 0.0255                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:29   | NF      |  |
| 11141-16-5                  | Aroclor 1232                    | ND            |      | mg/kg dry | 0.0255                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:29   | NF      |  |
| 53469-21-9                  | Aroclor 1242                    | ND            |      | mg/kg dry | 0.0255                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:29   | NF      |  |
| 12672-29-6                  | Aroclor 1248                    | ND            |      | mg/kg dry | 0.0255                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:29   | NF      |  |
| 11097-69-1                  | Aroclor 1254                    | ND            |      | mg/kg dry | 0.0255                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:29   | NF      |  |
| 11096-82-5                  | Aroclor 1260                    | ND            |      | mg/kg dry | 0.0255                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:29   | NF      |  |
| 37324-23-5                  | Aroclor 1262                    | ND            |      | mg/kg dry | 0.0255                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 05:29   | NF      |  |
| 11100-14-4                  | Aroclor 1268                    | ND            |      | mg/kg dry | 0.0255                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 05:29   | NF      |  |
| 1336-36-3                   | * Total PCBs                    | ND            |      | mg/kg dry | 0.0255                  | 1        | EPA 8082A<br>Certifications:  | 04/27/2024 07:18   | 04/29/2024 05:29   | NF      |  |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |   |                    |                    |         |  |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 80.5 %        |      |           | 30-140                  |          |   |                    |                    |         |  |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 88.0 %        |      |           | 30-140                  |          |   |                    |                    |         |  |



### Sample Information

**Client Sample ID:** WC-14

**York Sample ID:** 24D1795-27

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Herbicides, Target List**

Log-in Notes:

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            |                         | ug/kg dry | 30.6            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/30/2024 00:28   | BCJ     |
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/kg dry | 30.6            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/30/2024 00:28   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/kg dry | 30.6            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/30/2024 00:28   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 78.2 %        | 21-150                  |           |                 |          |   |                    |                    |         |

**Herbicides, TCLP Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

| CAS No.                     | Parameter                                       | Result        | Flag                    | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------------------------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:53   | 05/02/2024 17:45   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:53   | 05/02/2024 17:45   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |       |                 |          |  |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 61.4 %        | 10-150                  |       |                 |          |  |                    |                    |         |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

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 |
|-----------------------------|-------------------------------|---------------|-------------------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
|                             | * Total EPH                   | ND            |                         | mg/kg dry | 76.0            | 1        | NJDEP EPH Rev 3.0<br>Certifications: NJDEP-CT005 | 04/29/2024 08:23   | 04/30/2024 14:45   | GXB     |
| <b>Surrogate Recoveries</b> |                               | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |  |                    |                    |         |
| 3386-33-2                   | Surrogate: 1-Chlorooctadecane | 92.1 %        | 31.6-128                |           |                 |          |  |                    |                    |         |
| 84-15-1                     | Surrogate: o-Terphenyl        | 91.0 %        | 28.7-124                |           |                 |          |  |                    |                    |         |

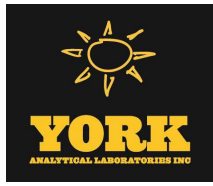
**Metals, Target Analyte**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 3910   |      | mg/kg dry | 6.39            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7440-36-0 | Antimony  | ND     |      | mg/kg dry | 3.20            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7440-38-2 | Arsenic   | 2.22   |      | mg/kg dry | 1.92            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |



### Sample Information

**Client Sample ID:** WC-14

**York Sample ID:** 24D1795-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag          | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|---------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-39-3 | Barium    | 15.0   |               | mg/kg dry | 3.19            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7440-41-7 | Beryllium | ND     |               | mg/kg dry | 0.064           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7440-43-9 | Cadmium   | ND     |               | mg/kg dry | 0.384           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7440-70-2 | Calcium   | 1030   |               | mg/kg dry | 6.39            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7440-47-3 | Chromium  | 11.2   |               | mg/kg dry | 0.640           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7440-48-4 | Cobalt    | 3.74   |               | mg/kg dry | 0.511           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7440-50-8 | Copper    | 11.0   |               | mg/kg dry | 2.56            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7439-89-6 | Iron      | 7840   |               | mg/kg dry | 32.0            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7439-92-1 | Lead      | 5.39   |               | mg/kg dry | 0.640           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7439-95-4 | Magnesium | 1630   |               | mg/kg dry | 6.40            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7439-96-5 | Manganese | 73.7   |               | mg/kg dry | 0.640           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7440-02-0 | Nickel    | 16.0   |               | mg/kg dry | 1.27            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7440-09-7 | Potassium | 851    | M-CCV<br>1, B | mg/kg dry | 6.40            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7782-49-2 | Selenium  | ND     |               | mg/kg dry | 3.20            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7440-22-4 | Silver    | ND     |               | mg/kg dry | 0.645           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7440-23-5 | Sodium    | 468    |               | mg/kg dry | 63.9            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7440-62-2 | Vanadium  | 12.4   |               | mg/kg dry | 1.27            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |
| 7440-66-6 | Zinc      | 30.5   |               | mg/kg dry | 3.18            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 08:12   | 05/02/2024 14:17   | AGNR    |

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-38-2 | Arsenic   | ND     |      | mg/L  | 0.375           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/02/2024 08:08   | 05/02/2024 15:41   | AGNR    |
| 7440-39-3 | Barium    | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/02/2024 08:08   | 05/02/2024 15:41   | AGNR    |





Sample Information

Client Sample ID: WC-14

York Sample ID: 24D1795-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Cadmium, Chromium, Lead, Selenium, and Silver.

Thallium by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Thallium.

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Mercury.

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Mercury.

Chloride, SPLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300/1312

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Chloride.

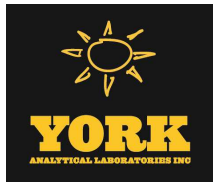
Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Chromium.



## Sample Information

**Client Sample ID:** WC-14

**York Sample ID:** 24D1795-27

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

|  |                      |    |           |       |   |           |                  |                  |     |
|--|----------------------|----|-----------|-------|---|-----------|------------------|------------------|-----|
| 18540-29-9   | Chromium, Hexavalent | ND | mg/kg dry | 0.767 | 1 | EPA 7196A | 05/01/2024 14:50 | 05/01/2024 20:46 | SMK |
| Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044 |                      |    |           |       |   |           |                  |                  |     |

**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 |
|--|-----------|--------|------|----------|-----------------|----------|------------------|--------------------|--------------------|---------|
|  | pH        | 7.42   |      | pH units | 0.500           | 1        | EPA 9045D        | 04/30/2024 11:38   | 04/30/2024 15:37   | PRS     |
| Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440 |           |        |      |          |                 |          |                  |                    |                    |         |

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

| CAS No.  | Parameter      | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|--|----------------|--------|------|-----------|-----------------|----------|------------------|--------------------|--------------------|---------|
| 57-12-5  | Cyanide, total | ND     |      | mg/kg dry | 0.767           | 1        | EPA 9014/9010C   | 05/01/2024 07:15   | 05/01/2024 16:00   | PMB     |
| Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 |                |        |      |           |                 |          |                  |                    |                    |         |

**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/kg | 0.250           | 1        | EPA SW-846 Ch.7.3.3 | 04/30/2024 12:37   | 04/30/2024 17:42   | SL      |
| Certifications: CTDOH-PH-0723,PADEP-68-04440 |                        |        |      |       |                 |          |                     |                    |                    |         |

**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 | 56.0   |      | mg/kg | 15.0            | 1        | EPA SW-846 Ch.7.3.4 | 04/30/2024 12:43   | 04/30/2024 15:52   | 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 | 23.0   |      | °C    | 1.00            | 1        | EPA 170.1        | 04/30/2024 11:38   | 04/30/2024 15:39   | PRS     |
| Certifications: |               |        |      |       |                 |          |                  |                    |                    |         |

**Ignitability**

**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 |
|-----------------|----------------|------------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
|                 | * Ignitability | Non-Ignit. |      | None  | 1               | 1        | EPA 1030P        | 04/28/2024 06:49   | 04/28/2024 07:35   | CAM2    |
| Certifications: |                |            |      |       |                 |          |                  |                    |                    |         |

**Paint Filter Test**

**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 |
|---------|-----------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
|         |           |        |      |       |                 |          |                  |                    |                    |         |



**Sample Information**

**Client Sample ID:** WC-14

**York Sample ID:** 24D1795-27

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Paint Filter Test**

**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 |
|---------|-------------------|----------------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
|         | Paint Filter Test | No Free Liquid |      | None  | 0.05            | 1        | EPA 9095B<br>Certifications: NELAC-NY10854,NJDEP-CT005 | 04/29/2024 09:21   | 04/29/2024 10:55   | JAMT    |

**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 | 65.2   |      | %     | 0.100           | 1        | SM 2540G<br>Certifications: CTDOH-PH-0723 | 04/30/2024 07:39   | 04/30/2024 11:54   | HLY     |

**SPLP Extraction for WET CHEM EPA 1312**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

| CAS No. | Parameter       | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|-----------------|-----------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
|         | SPLP Extraction | Completed |      | N/A   | 1.00            | 1        | EPA 1312<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/28/2024 15:55   | 04/29/2024 17:50   | TAJ     |

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

| CAS No. | Parameter       | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|-----------------|-----------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
|         | TCLP Extraction | Completed |      | N/A   | 1.00            | 1        | EPA 1311<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/30/2024 16:43   | 05/01/2024 11:05   | TAJ     |

**TCLP Extraction for SVOCS/PEST/HERB**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

| CAS No. | Parameter       | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|-----------------|-----------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
|         | TCLP Extraction | Completed |      | N/A   | 1.00            | 1        | EPA 1311<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/30/2024 16:45   | 05/01/2024 11:12   | TAJ     |

**TCLP Extraction for VOA by EPA 1311 ZHE**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

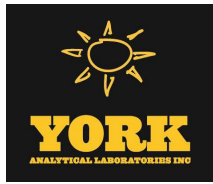
| CAS No. | Parameter       | Result    | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|-----------------|-----------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
|         | TCLP Extraction | Completed |      | N/A   | 1.00            | 1        | EPA 1311<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 05/01/2024 15:43   | 05/02/2024 10:56   | CAM2    |

**Sample Information**

**Client Sample ID:** WC-14 (g)

**York Sample ID:** 24D1795-28

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|



### Sample Information

**Client Sample ID:** WC-14 (g)

**York Sample ID:** 24D1795-28

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter   | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/kg dry | 64                  | 130 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 78-93-3  | 2-Butanone  | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |      | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |



Sample Information

Client Sample ID: WC-14 (g)

York Sample ID: 24D1795-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Acetone, Acrolein, Acrylonitrile, Benzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropylene, Cyclohexane, Dibromochloromethane, Dibromomethane, Dichlorodifluoromethane, Ethyl Benzene, Hexachlorobutadiene, Isopropylbenzene.



### Sample Information

**Client Sample ID:** WC-14 (g)

**York Sample ID:** 24D1795-28

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

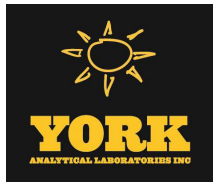
Sample Prepared by Method: EPA 5035A

| CAS No.     | Parameter                      | Result | Flag                    | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-------------|--------------------------------|--------|-------------------------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 79-20-9     | Methyl acetate                 | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 108-87-2    | Methylcyclohexane              | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 75-09-2     | Methylene chloride             | ND     |                         | ug/kg dry | 6.4                 | 13  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 104-51-8    | n-Butylbenzene                 | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 103-65-1    | n-Propylbenzene                | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 95-47-6     | o-Xylene                       | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 179601-23-1 | p- & m- Xylenes                | ND     | QL-02                   | ug/kg dry | 6.4                 | 13  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 99-87-6     | p-Isopropyltoluene             | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 135-98-8    | sec-Butylbenzene               | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 100-42-5    | Styrene                        | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 98-06-6     | tert-Butylbenzene              | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 127-18-4    | Tetrachloroethylene            | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 108-88-3    | Toluene                        | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 110-57-6    | * trans-1,4-dichloro-2-butene  | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 79-01-6     | Trichloroethylene              | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 75-69-4     | Trichlorofluoromethane         | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 75-01-4     | Vinyl Chloride                 | ND     |                         | ug/kg dry | 3.2                 | 6.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |
| 1330-20-7   | Xylenes, Total                 | ND     |                         | ug/kg dry | 9.5                 | 19  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:06   | BMT     |

Surrogate Recoveries

Result

Acceptance Range



### Sample Information

Client Sample ID: WC-14 (g)

York Sample ID: 24D1795-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

#### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

| CAS No.    | Parameter                                 | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---|--------|------|-------|---------------------|-----|----------|------------------|--------------------|--------------------|---------|
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 99.7 % |      |       | 77-125              |     |          |                  |                    |                    |         |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 97.5 % |      |       | 85-120              |     |          |                  |                    |                    |         |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 102 %  |      |       | 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 | 65.2   |      | %     | 0.100           | 1        | SM 2540G         | 04/30/2024 19:32   | 04/30/2024 23:07   | SMK     |  |
| Certifications: |            |        |      |       |                 |          |                  | CTDOH-PH-0723      |                    |         |  |

### Sample Information

Client Sample ID: WC-15

York Sample ID: 24D1795-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

#### Volatile Organics, TCLP RCRA List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

| CAS No.         | Parameter            | Result | Flag  | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method                                   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------|----------------------|--------|-------|-------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 75-35-4         | 1,1-Dichloroethylene | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 13:07   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 107-06-2        | 1,2-Dichloroethane   | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 13:07   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 106-46-7        | 1,4-Dichlorobenzene  | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 13:07   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 78-93-3         | 2-Butanone           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 13:07   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 71-43-2         | Benzene              | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 13:07   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 56-23-5         | Carbon tetrachloride | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 13:07   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 108-90-7        | Chlorobenzene        | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 13:07   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 67-66-3         | Chloroform           | ND     |       | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 13:07   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |
| 127-18-4        | Tetrachloroethylene  | ND     | QL-02 | ug/L  | 25                  | 50  | 10       | EPA 8260C/1311                                     | 05/02/2024 08:00   | 05/02/2024 13:07   | BMT     |
| Certifications: |                      |        |       |       |                     |     |          | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 |                    |                    |         |



Sample Information

Client Sample ID: WC-15

York Sample ID: 24D1795-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Trichloroethylene, Vinyl Chloride, and Surrogate Recoveries for Surr, 1,2-Dichloroethane-d4, p-Bromofluorobenzene, and Toluene-d8.

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1-Biphenyl, 1,2,4,5-Tetrachlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,2-Diphenylhydrazine (as Azobenzene), 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, and 2,6-Dinitrotoluene.





### Sample Information

**Client Sample ID:** WC-15

**York Sample ID:** 24D1795-29

York Project (SDG) No.

Client Project ID

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24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                   | Result | Flag        | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------------|--------|-------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 91-58-7    | 2-Chloronaphthalene         | ND     |             | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 95-57-8    | 2-Chlorophenol              | ND     |             | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 91-57-6    | 2-Methylnaphthalene         | ND     |             | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 95-48-7    | 2-Methylphenol              | ND     |             | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 88-74-4    | 2-Nitroaniline              | ND     |             | ug/kg dry | 54.0                | 108  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 88-75-5    | 2-Nitrophenol               | ND     |             | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols        | ND     | CAL-E       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |             | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 99-09-2    | 3-Nitroaniline              | ND     |             | ug/kg dry | 54.0                | 108  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     | CAL-E, CCVE | ug/kg dry | 54.0                | 108  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     | CCVE        | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |             | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 106-47-8   | 4-Chloroaniline             | ND     |             | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |             | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 100-01-6   | 4-Nitroaniline              | ND     |             | ug/kg dry | 54.0                | 108  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 100-02-7   | 4-Nitrophenol               | ND     |             | ug/kg dry | 54.0                | 108  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 83-32-9    | Acenaphthene                | ND     |             | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 208-96-8   | Acenaphthylene              | ND     |             | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 98-86-2    | Acetophenone                | ND     |             | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 62-53-3    | Aniline                     | ND     | ICVE        | ug/kg dry | 108                 | 216  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 120-12-7   | Anthracene                  | ND     |             | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 1912-24-9  | Atrazine                    | ND     |             | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 100-52-7   | Benzaldehyde                | ND     |             | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |



### Sample Information

**Client Sample ID:** WC-15

**York Sample ID:** 24D1795-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                   | Result | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------|--------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-87-5  | Benzidine                   | ND     |       | ug/kg dry | 108                 | 216  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 56-55-3  | Benzo(a)anthracene          | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 50-32-8  | Benzo(a)pyrene              | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 205-99-2 | Benzo(b)fluoranthene        | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 191-24-2 | Benzo(g,h,i)perylene        | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 207-08-9 | Benzo(k)fluoranthene        | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 65-85-0  | Benzoic acid                | ND     | CAL-E | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 100-51-6 | Benzyl alcohol              | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 85-68-7  | Benzyl butyl phthalate      | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 111-91-1 | Bis(2-chloroethoxy)methane  | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 111-44-4 | Bis(2-chloroethyl)ether     | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 117-81-7 | Bis(2-ethylhexyl)phthalate  | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 105-60-2 | Caprolactam                 | ND     |       | ug/kg dry | 54.0                | 108  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 86-74-8  | Carbazole                   | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 218-01-9 | Chrysene                    | ND     | CCVE  | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 53-70-3  | Dibenzo(a,h)anthracene      | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 132-64-9 | Dibenzofuran                | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 84-66-2  | Diethyl phthalate           | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 131-11-3 | Dimethyl phthalate          | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 84-74-2  | Di-n-butyl phthalate        | ND     |       | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 117-84-0 | Di-n-octyl phthalate        | ND     | CAL-E | ug/kg dry | 27.1                | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 122-39-4 | * Diphenylamine             | ND     |       | ug/kg dry | 54.0                | 108  | 1        | EPA 8270E<br>Certifications:  | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |



### Sample Information

**Client Sample ID:** WC-15

**York Sample ID:** 24D1795-29

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                             | Result        | Flag       | Units     | Reported to LOD/MDL     | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------------|---------------|------------|-----------|-------------------------|------|----------|---|--------------------|--------------------|---------|
| 206-44-0                    | Fluoranthene                          | ND            |            | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 86-73-7                     | Fluorene                              | ND            |            | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 118-74-1                    | Hexachlorobenzene                     | ND            |            | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 87-68-3                     | Hexachlorobutadiene                   | ND            | CCVE       | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 77-47-4                     | Hexachlorocyclopentadiene             | ND            | CCVE, ICVE | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 67-72-1                     | Hexachloroethane                      | ND            |            | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 193-39-5                    | Indeno(1,2,3-cd)pyrene                | ND            |            | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 78-59-1                     | Isophorone                            | ND            |            | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 91-20-3                     | Naphthalene                           | ND            |            | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 98-95-3                     | Nitrobenzene                          | ND            |            | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 62-75-9                     | N-Nitrosodimethylamine                | ND            | CAL-E      | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 621-64-7                    | N-nitroso-di-n-propylamine            | ND            |            | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 86-30-6                     | N-Nitrosodiphenylamine                | ND            | CCVE       | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 87-86-5                     | Pentachlorophenol                     | ND            | CCVE       | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 85-01-8                     | Phenanthrene                          | ND            |            | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 108-95-2                    | Phenol                                | ND            |            | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| 129-00-0                    | Pyrene                                | ND            |            | ug/kg dry | 27.1                    | 54.0 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 20:37   | SS      |
| <b>Surrogate Recoveries</b> |                                       | <b>Result</b> |            |           | <b>Acceptance Range</b> |      |          |   |                    |                    |         |
| 4165-60-0                   | Surrogate: SURR: Nitrobenzene-d5      | 85.6 %        |            |           | 22-108                  |      |          |   |                    |                    |         |
| 321-60-8                    | Surrogate: SURR: 2-Fluorobiphenyl     | 76.0 %        |            |           | 21-113                  |      |          |   |                    |                    |         |
| 118-79-6                    | Surrogate: SURR: 2,4,6-Tribromophenol | 72.8 %        |            |           | 19-110                  |      |          |   |                    |                    |         |
| 1718-51-0                   | Surrogate: SURR: Terphenyl-d14        | 82.2 %        |            |           | 24-116                  |      |          |   |                    |                    |         |

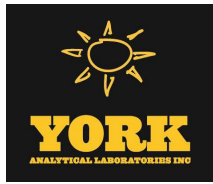
**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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



### Sample Information

**Client Sample ID:** WC-15

**York Sample ID:** 24D1795-29

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.    | Parameter             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------|--------|------|-------|---------------------|------|----------|--|--------------------|--------------------|---------|
| 106-46-7   | 1,4-Dichlorobenzene   | ND     |      | ug/L  | 3.23                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 05/02/2024 08:15   | 05/02/2024 15:22   | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol | ND     |      | ug/L  | 3.61                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:22   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol | ND     |      | ug/L  | 3.27                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:22   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene    | ND     |      | ug/L  | 2.37                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:22   | SS      |
| 95-48-7    | 2-Methylphenol        | ND     |      | ug/L  | 0.857               | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:22   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols  | ND     |      | ug/L  | 3.72                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:22   | SS      |
| 1319-77-3  | Cresols, total        | ND     |      | ug/L  | 3.70                | 15.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854                          | 05/02/2024 08:15   | 05/02/2024 15:22   | SS      |
| 118-74-1   | Hexachlorobenzene     | ND     |      | ug/L  | 2.96                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:22   | SS      |
| 87-68-3    | Hexachlorobutadiene   | ND     |      | ug/L  | 3.31                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:22   | SS      |
| 67-72-1    | Hexachloroethane      | ND     |      | ug/L  | 3.63                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:22   | SS      |
| 98-95-3    | Nitrobenzene          | ND     |      | ug/L  | 1.97                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:22   | SS      |
| 87-86-5    | Pentachlorophenol     | ND     |      | ug/L  | 3.76                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:22   | SS      |
| 110-86-1   | Pyridine              | ND     |      | ug/L  | 3.19                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:22   | SS      |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|            |                                       |        |          |
|------------|---------------------------------------|--------|----------|
| 367-12-4   | Surrogate: SURR: 2-Fluorophenol       | 48.0 % | 10-90.9  |
| 13127-88-3 | Surrogate: SURR: Phenol-d6            | 33.3 % | 10-69.2  |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5      | 75.4 % | 19.2-141 |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl     | 67.2 % | 24.8-127 |
| 118-79-6   | Surrogate: SURR: 2,4,6-Tribromophenol | 85.3 % | 23-163   |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14        | 77.5 % | 25.8-110 |

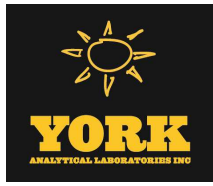
**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No. | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 72-54-8 | 4,4'-DDD  | ND     |      | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 72-55-9 | 4,4'-DDE  | ND     |      | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 50-29-3 | 4,4'-DDT  | ND     |      | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |



### Sample Information

**Client Sample ID:** WC-15

**York Sample ID:** 24D1795-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag                    | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|-------------------------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 309-00-2                    | Aldrin                          | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 319-84-6                    | alpha-BHC                       | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 5103-71-9                   | alpha-Chlordane                 | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 319-85-7                    | beta-BHC                        | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 57-74-9                     | Chlordane, total                | ND            |                         | ug/kg dry | 42.9            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 319-86-8                    | delta-BHC                       | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 60-57-1                     | Dieldrin                        | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 959-98-8                    | Endosulfan I                    | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 33213-65-9                  | Endosulfan II                   | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 1031-07-8                   | Endosulfan sulfate              | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 72-20-8                     | Endrin                          | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 7421-93-4                   | Endrin aldehyde                 | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 53494-70-5                  | Endrin ketone                   | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 5566-34-7                   | gamma-Chlordane                 | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 76-44-8                     | Heptachlor                      | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 1024-57-3                   | Heptachlor epoxide              | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 72-43-5                     | Methoxychlor                    | ND            |                         | ug/kg dry | 2.14            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| 8001-35-2                   | Toxaphene                       | ND            |                         | ug/kg dry | 214             | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 19:05   | NF      |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 99.9 %        | 30-150                  |           |                 |          |   |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 96.6 %        | 30-150                  |           |                 |          |   |                    |                    |         |

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

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



### Sample Information

**Client Sample ID:** WC-15

**York Sample ID:** 24D1795-29

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No.                     | Parameter                       | Result        | Flag | Units | Reported to LOD/MDL     | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-------|-------------------------|--------|----------|--|--------------------|--------------------|---------|
| 57-74-9                     | Chlordane, total                | ND            |      | ug/L  | 0.250                   | 0.250  | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:56   | NF      |
| 72-20-8                     | Endrin                          | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:56   | NF      |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:56   | NF      |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:56   | NF      |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:56   | NF      |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:56   | NF      |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/L  | 1.25                    | 1.25   | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 12:56   | NF      |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |       | <b>Acceptance Range</b> |        |          |  |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 114 %         |      |       | 30-120                  |        |          |  |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 93.8 %        |      |       | 30-120                  |        |          |  |                    |                    |         |

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag | Units     | Reported to LOQ         | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |  |
|-----------------------------|---------------------------------|---------------|------|-----------|-------------------------|----------|---|--------------------|--------------------|---------|--|
| 12674-11-2                  | Aroclor 1016                    | ND            |      | mg/kg dry | 0.0216                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:43   | NF      |  |
| 11104-28-2                  | Aroclor 1221                    | ND            |      | mg/kg dry | 0.0216                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:43   | NF      |  |
| 11141-16-5                  | Aroclor 1232                    | ND            |      | mg/kg dry | 0.0216                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:43   | NF      |  |
| 53469-21-9                  | Aroclor 1242                    | ND            |      | mg/kg dry | 0.0216                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:43   | NF      |  |
| 12672-29-6                  | Aroclor 1248                    | ND            |      | mg/kg dry | 0.0216                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:43   | NF      |  |
| 11097-69-1                  | Aroclor 1254                    | ND            |      | mg/kg dry | 0.0216                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:43   | NF      |  |
| 11096-82-5                  | Aroclor 1260                    | ND            |      | mg/kg dry | 0.0216                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:18   | 04/29/2024 05:43   | NF      |  |
| 37324-23-5                  | Aroclor 1262                    | ND            |      | mg/kg dry | 0.0216                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 05:43   | NF      |  |
| 11100-14-4                  | Aroclor 1268                    | ND            |      | mg/kg dry | 0.0216                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:18   | 04/29/2024 05:43   | NF      |  |
| 1336-36-3                   | * Total PCBs                    | ND            |      | mg/kg dry | 0.0216                  | 1        | EPA 8082A<br>Certifications:  | 04/27/2024 07:18   | 04/29/2024 05:43   | NF      |  |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |   |                    |                    |         |  |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 81.5 %        |      |           | 30-140                  |          |   |                    |                    |         |  |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 88.0 %        |      |           | 30-140                  |          |   |                    |                    |         |  |



### Sample Information

**Client Sample ID:** WC-15

**York Sample ID:** 24D1795-29

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Herbicides, Target List**

Log-in Notes:

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            |                         | ug/kg dry | 26.0            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/30/2024 00:39   | BCJ     |
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/kg dry | 26.0            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/30/2024 00:39   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/kg dry | 26.0            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/30/2024 00:39   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 81.2 %        | 21-150                  |           |                 |          |   |                    |                    |         |

**Herbicides, TCLP Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

| CAS No.                     | Parameter                                       | Result        | Flag                    | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------------------------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:53   | 05/02/2024 17:56   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:53   | 05/02/2024 17:56   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |       |                 |          |  |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 58.2 %        | 10-150                  |       |                 |          |  |                    |                    |         |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

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 |
|-----------------------------|-------------------------------|---------------|-------------------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
|                             | * Total EPH                   | ND            |                         | mg/kg dry | 64.5            | 1        | NJDEP EPH Rev 3.0<br>Certifications: NJDEP-CT005 | 04/29/2024 08:23   | 04/30/2024 15:15   | GXB     |
| <b>Surrogate Recoveries</b> |                               | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |  |                    |                    |         |
| 3386-33-2                   | Surrogate: 1-Chlorooctadecane | 88.6 %        | 31.6-128                |           |                 |          |  |                    |                    |         |
| 84-15-1                     | Surrogate: o-Terphenyl        | 88.1 %        | 28.7-124                |           |                 |          |  |                    |                    |         |

**Metals, Target Analyte**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 2760   |      | mg/kg dry | 5.43            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7440-36-0 | Antimony  | ND     |      | mg/kg dry | 2.71            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7440-38-2 | Arsenic   | ND     |      | mg/kg dry | 1.63            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |



### Sample Information

**Client Sample ID:** WC-15

**York Sample ID:** 24D1795-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag       | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-39-3 | Barium    | 9.26   |            | mg/kg dry | 2.71            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7440-41-7 | Beryllium | ND     |            | mg/kg dry | 0.055           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7440-43-9 | Cadmium   | ND     |            | mg/kg dry | 0.326           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7440-70-2 | Calcium   | 1160   |            | mg/kg dry | 5.43            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7440-47-3 | Chromium  | 7.42   |            | mg/kg dry | 0.543           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7440-48-4 | Cobalt    | 3.12   |            | mg/kg dry | 0.434           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7440-50-8 | Copper    | 7.40   |            | mg/kg dry | 2.17            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7439-89-6 | Iron      | 5780   |            | mg/kg dry | 27.1            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7439-92-1 | Lead      | 6.49   |            | mg/kg dry | 0.543           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7439-95-4 | Magnesium | 1470   |            | mg/kg dry | 5.43            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7439-96-5 | Manganese | 79.2   |            | mg/kg dry | 0.543           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7440-02-0 | Nickel    | 10.5   |            | mg/kg dry | 1.08            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7440-09-7 | Potassium | 592    | M-CCV<br>1 | mg/kg dry | 5.43            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7782-49-2 | Selenium  | ND     |            | mg/kg dry | 2.71            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7440-22-4 | Silver    | ND     |            | mg/kg dry | 0.547           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7440-23-5 | Sodium    | 302    |            | mg/kg dry | 54.3            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7440-62-2 | Vanadium  | 10.2   |            | mg/kg dry | 1.08            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |
| 7440-66-6 | Zinc      | 17.7   | B          | mg/kg dry | 2.70            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:45   | AGNR    |

**Metals, TCLP RCRA**

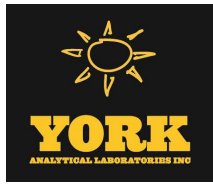
**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-38-2 | Arsenic   | ND     |      | mg/L  | 0.375           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/02/2024 08:08   | 05/02/2024 15:44   | AGNR    |
| 7440-39-3 | Barium    | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/02/2024 08:08   | 05/02/2024 15:44   | AGNR    |





### Sample Information

**Client Sample ID:** WC-15

**York Sample ID:** 24D1795-29

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-43-9 | Cadmium   | ND     |      | mg/L  | 0.075           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:44   | AGNR    |
| 7440-47-3 | Chromium  | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:44   | AGNR    |
| 7439-92-1 | Lead      | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:44   | AGNR    |
| 7782-49-2 | Selenium  | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:44   | AGNR    |
| 7440-22-4 | Silver    | ND     |      | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:44   | AGNR    |

**Thallium by EPA 6020**

**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 |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 0.109           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 08:56   | 05/01/2024 12:47   | AJL     |

**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   | 0.0563 |      | mg/kg dry | 0.0391          | 1        | EPA 7473<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04 | 05/01/2024 09:05   | 05/01/2024 16:18   | DRS     |

**Mercury, TCLP**

**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  | 0.000200        | 1        | EPA 7470/1311<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108 | 05/01/2024 08:13   | 05/01/2024 08:13   | PFA     |

**Chloride, SPLP**

**Log-in Notes:**

**Sample Notes:**

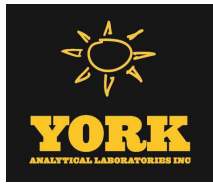
Sample Prepared by Method: EPA 300/1312

| CAS No.    | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------|--------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 16887-00-6 | Chloride  | 27.0   |      | mg/L  | 0.500           | 1        | EPA 300.0<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005 | 05/01/2024 18:48   | 05/01/2024 18:48   | NJO     |

**Chromium, Hexavalent**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** WC-15

**York Sample ID:** 24D1795-29

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

Sample Prepared by Method: EPA SW846-3060

| CAS No.    | Parameter            | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|----------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 18540-29-9 | Chromium, Hexavalent | ND     |      | mg/kg dry | 0.652           | 1        | EPA 7196A<br>Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044 | 05/01/2024 14:50   | 05/01/2024 20:46   | SMK     |

**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 |
|---------|-----------|--------|------|----------|-----------------|----------|---|--------------------|--------------------|---------|
|         | pH        | 7.37   |      | pH units | 0.500           | 1        | EPA 9045D<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440 | 04/30/2024 11:38   | 04/30/2024 15:37   | PRS     |

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

| CAS No. | Parameter      | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|----------------|--------|------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 57-12-5 | Cyanide, total | ND     |      | mg/kg dry | 0.652           | 1        | EPA 9014/9010C<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 05/01/2024 07:15   | 05/01/2024 16:00   | PMB     |

**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/kg | 0.250           | 1        | EPA SW-846 Ch.7.3.3<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/30/2024 12:37   | 04/30/2024 17:42   | SL      |

**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 | ND     |      | mg/kg | 15.0            | 1        | EPA SW-846 Ch.7.3.4<br>Certifications: CTDOH-PH-0723,PADEP-68-04440 | 04/30/2024 12:43   | 04/30/2024 15:52   | SL      |

**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 | 23.1   |      | °C    | 1.00            | 1        | EPA 170.1<br>Certifications: | 04/30/2024 11:38   | 04/30/2024 15:39   | PRS     |

**Ignitability**

**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 |
|---------|----------------|------------|------|-------|-----------------|----------|------------------------------|--------------------|--------------------|---------|
|         | * Ignitability | Non-Ignit. |      | None  | 1               | 1        | EPA 1030P<br>Certifications: | 04/28/2024 06:49   | 04/28/2024 07:35   | CAM2    |

**Paint Filter Test**

**Log-in Notes:**

**Sample Notes:**



Sample Information

Client Sample ID: WC-15

York Sample ID: 24D1795-29

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: Paint Filter Test, No Free Liquid, None, 0.05, 1, EPA 9095B, 04/29/2024 09:21, 04/29/2024 10:55, JAMT

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: \* % Solids, 76.7, %, 0.100, 1, SM 2540G, 04/30/2024 07:39, 04/30/2024 11:54, HLY

SPLP Extraction for WET CHEM EPA 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: SPLP Extraction, Completed, N/A, 1.00, 1, EPA 1312, 04/28/2024 15:55, 04/29/2024 17:50, TAJ

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/30/2024 16:43, 05/01/2024 11:05, TAJ

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/30/2024 16:45, 05/01/2024 11:12, TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 05/01/2024 15:43, 05/02/2024 10:56, CAM2

Sample Information

Client Sample ID: WC-15 (g)

York Sample ID: 24D1795-30

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024



### Sample Information

**Client Sample ID:** WC-15 (g)

**York Sample ID:** 24D1795-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter   | Result | Flag  | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---|--------|-------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 75-34-3  | 1,1-Dichloroethane                                | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 107-06-2 | 1,2-Dichloroethane                                | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 78-87-5  | 1,2-Dichloropropane                               | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 123-91-1 | 1,4-Dioxane                                       | ND     | IS-LO | ug/kg dry | 54                  | 110 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 78-93-3  | 2-Butanone  | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 591-78-6 | 2-Hexanone  | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     | IS-LO | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |



### Sample Information

**Client Sample ID:** WC-15 (g)

**York Sample ID:** 24D1795-30

York Project (SDG) No.  
24D1795

Client Project ID  
Four Sparrows

Matrix  
Soil

Collection Date/Time  
April 26, 2024 11:19 am

Date Received  
04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.    | Parameter                 | Result | Flag         | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------|--------|--------------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 67-64-1    | Acetone                   | 45     | ICVE, IS-LO  | ug/kg dry | 5.4                 | 11  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 107-02-8   | Acrolein                  | ND     | IS-LO        | ug/kg dry | 5.4                 | 11  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 107-13-1   | Acrylonitrile             | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 71-43-2    | Benzene                   | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 74-97-5    | Bromochloromethane        | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 75-27-4    | Bromodichloromethane      | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 75-25-2    | Bromoform                 | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 74-83-9    | Bromomethane              | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 75-15-0    | Carbon disulfide          | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 56-23-5    | Carbon tetrachloride      | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 108-90-7   | Chlorobenzene             | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 75-00-3    | Chloroethane              | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 67-66-3    | Chloroform                | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 74-87-3    | Chloromethane             | ND     | CCVE, IS-LO  | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 110-82-7   | Cyclohexane               | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 124-48-1   | Dibromochloromethane      | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 74-95-3    | Dibromomethane            | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 75-71-8    | Dichlorodifluoromethane   | ND     | CCVE, IS-LO  | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 100-41-4   | Ethyl Benzene             | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 87-68-3    | Hexachlorobutadiene       | ND     | IS-LO, QL-02 | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 98-82-8    | Isopropylbenzene          | ND     | IS-LO        | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |



### Sample Information

**Client Sample ID:** WC-15 (g)

**York Sample ID:** 24D1795-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.     | Parameter                      | Result | Flag                              | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-------------|--------------------------------|--------|-----------------------------------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 79-20-9     | Methyl acetate                 | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 108-87-2    | Methylcyclohexane              | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 75-09-2     | Methylene chloride             | ND     | IS-LO                             | ug/kg dry | 5.4                 | 11  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 104-51-8    | n-Butylbenzene                 | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 103-65-1    | n-Propylbenzene                | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 95-47-6     | o-Xylene                       | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 179601-23-1 | p- & m- Xylenes                | ND     | IS-LO                             | ug/kg dry | 5.4                 | 11  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 99-87-6     | p-Isopropyltoluene             | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 135-98-8    | sec-Butylbenzene               | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 100-42-5    | Styrene                        | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 98-06-6     | tert-Butylbenzene              | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 127-18-4    | Tetrachloroethylene            | ND     | CCVE,<br>ICVE,<br>IS-LO,<br>QL-02 | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 108-88-3    | Toluene                        | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 110-57-6    | * trans-1,4-dichloro-2-butene  | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 79-01-6     | Trichloroethylene              | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 75-69-4     | Trichlorofluoromethane         | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 75-01-4     | Vinyl Chloride                 | ND     | IS-LO                             | ug/kg dry | 2.7                 | 5.4 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |
| 1330-20-7   | Xylenes, Total                 | ND     | IS-LO                             | ug/kg dry | 8.0                 | 16  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/30/2024 08:00   | 04/30/2024 12:43   | BMT     |

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: WC-15 (g)

York Sample ID: 24D1795-30

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 17060-07-0, 2037-26-5, 460-00-4.

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: solids, % Solids, 76.7, %, 0.100, 1, SM 2540G, 04/30/2024 19:32, 04/30/2024 23:07, SMK.

Sample Information

Client Sample ID: WC-16

York Sample ID: 24D1795-31

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 75-35-4, 107-06-2, 106-46-7, 78-93-3, 71-43-2, 56-23-5, 108-90-7, 67-66-3, 127-18-4.



### Sample Information

**Client Sample ID:** WC-16

**York Sample ID:** 24D1795-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

| CAS No.                     | Parameter                              | Result        | Flag | Units | Reported to LOD/MDL     | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|--|---------------|------|-------|-------------------------|-----|----------|--|--------------------|--------------------|---------|
| 79-01-6                     | Trichloroethylene                      | ND            |      | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 05/02/2024 08:00   | 05/02/2024 13:34   | BMT     |
| 75-01-4                     | Vinyl Chloride                         | ND            |      | ug/L  | 25                      | 50  | 10       | EPA 8260C/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12 | 05/02/2024 08:00   | 05/02/2024 13:34   | BMT     |
| <b>Surrogate Recoveries</b> |  | <b>Result</b> |      |       | <b>Acceptance Range</b> |     |          |  |                    |                    |         |
| 17060-07-0                  | Surrogate: SURR: 1,2-Dichloroethane-d4 | 95.4 %        |      |       | 77-125                  |     |          |  |                    |                    |         |
| 460-00-4                    | Surrogate: SURR: p-Bromofluorobenzene  | 118 %         |      |       | 84.2-124                |     |          |  |                    |                    |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8            | 104 %         |      |       | 85-120                  |     |          |  |                    |                    |         |

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                             | Result | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---------------------------------------|--------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-52-4  | 1,1-Biphenyl                          | ND     |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND     | CCVE  | ug/kg dry | 57.8                | 116  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND     | CCVE  | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND     |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                   | ND     |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                   | ND     |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol             | ND     | CCVE  | ug/kg dry | 57.8                | 116  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 95-95-4  | 2,4,5-Trichlorophenol                 | ND     |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 88-06-2  | 2,4,6-Trichlorophenol                 | ND     |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 120-83-2 | 2,4-Dichlorophenol                    | ND     |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 105-67-9 | 2,4-Dimethylphenol                    | ND     | ICVE  | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 51-28-5  | 2,4-Dinitrophenol                     | ND     | CAL-E | ug/kg dry | 57.8                | 116  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 121-14-2 | 2,4-Dinitrotoluene                    | ND     |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 606-20-2 | 2,6-Dinitrotoluene                    | ND     |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |





### Sample Information

**Client Sample ID:** WC-16

**York Sample ID:** 24D1795-31

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

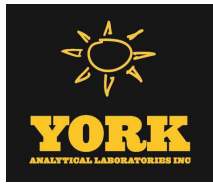
**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter                   | Result      | Flag        | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------------|-------------|-------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 91-58-7    | 2-Chloronaphthalene         | ND          |             | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 95-57-8    | 2-Chlorophenol              | ND          |             | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 91-57-6    | 2-Methylnaphthalene         | ND          |             | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 95-48-7    | 2-Methylphenol              | ND          |             | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 88-74-4    | 2-Nitroaniline              | ND          |             | ug/kg dry | 57.8                | 116  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 88-75-5    | 2-Nitrophenol               | ND          |             | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols        | ND          | CAL-E       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND          |             | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 99-09-2    | 3-Nitroaniline              | ND          |             | ug/kg dry | 57.8                | 116  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND          | CAL-E, CCVE | ug/kg dry | 57.8                | 116  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND          | CCVE        | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND          |             | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 106-47-8   | 4-Chloroaniline             | ND          |             | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND          |             | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 100-01-6   | 4-Nitroaniline              | ND          |             | ug/kg dry | 57.8                | 116  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 100-02-7   | 4-Nitrophenol               | ND          |             | ug/kg dry | 57.8                | 116  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 83-32-9    | <b>Acenaphthene</b>         | <b>59.6</b> |             | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 208-96-8   | Acenaphthylene              | ND          |             | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 98-86-2    | Acetophenone                | ND          |             | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 62-53-3    | Aniline                     | ND          | ICVE        | ug/kg dry | 116                 | 232  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 120-12-7   | <b>Anthracene</b>           | <b>131</b>  |             | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 1912-24-9  | Atrazine                    | ND          |             | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 100-52-7   | Benzaldehyde                | ND          |             | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |



### Sample Information

**Client Sample ID:** WC-16

**York Sample ID:** 24D1795-31

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                         | Result      | Flag  | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-----------------------------------|-------------|-------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 92-87-5  | Benzidine                         | ND          |       | ug/kg dry | 116                 | 232  | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 56-55-3  | <b>Benzo(a)anthracene</b>         | <b>453</b>  |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 50-32-8  | <b>Benzo(a)pyrene</b>             | <b>438</b>  |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 205-99-2 | <b>Benzo(b)fluoranthene</b>       | <b>589</b>  |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 191-24-2 | <b>Benzo(g,h,i)perylene</b>       | <b>252</b>  |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 207-08-9 | <b>Benzo(k)fluoranthene</b>       | <b>189</b>  |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 65-85-0  | Benzoic acid                      | ND          | CAL-E | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 100-51-6 | Benzyl alcohol                    | ND          |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 85-68-7  | Benzyl butyl phthalate            | ND          |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 111-91-1 | Bis(2-chloroethoxy)methane        | ND          |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 111-44-4 | Bis(2-chloroethyl)ether           | ND          |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 108-60-1 | Bis(2-chloroisopropyl)ether       | ND          |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 117-81-7 | <b>Bis(2-ethylhexyl)phthalate</b> | <b>341</b>  |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 105-60-2 | Caprolactam                       | ND          |       | ug/kg dry | 57.8                | 116  | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 86-74-8  | <b>Carbazole</b>                  | <b>85.5</b> |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 218-01-9 | <b>Chrysene</b>                   | <b>415</b>  | CCVE  | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 53-70-3  | <b>Dibenzo(a,h)anthracene</b>     | <b>78.1</b> |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 132-64-9 | Dibenzofuran                      | ND          |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 84-66-2  | Diethyl phthalate                 | ND          |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 131-11-3 | Dimethyl phthalate                | ND          |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 84-74-2  | <b>Di-n-butyl phthalate</b>       | <b>178</b>  |       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 117-84-0 | Di-n-octyl phthalate              | ND          | CAL-E | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 122-39-4 | * Diphenylamine                   | ND          |       | ug/kg dry | 57.8                | 116  | 1        | EPA 8270E<br>Certifications:  | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |



### Sample Information

**Client Sample ID:** WC-16

**York Sample ID:** 24D1795-31

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter                     | Result      | Flag       | Units     | Reported to LOD/MDL | LOQ  | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|-------------------------------|-------------|------------|-----------|---------------------|------|----------|---|--------------------|--------------------|---------|
| 206-44-0 | <b>Fluoranthene</b>           | <b>946</b>  |            | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 86-73-7  | <b>Fluorene</b>               | <b>58.7</b> |            | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 118-74-1 | Hexachlorobenzene             | ND          |            | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 87-68-3  | Hexachlorobutadiene           | ND          | CCVE       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 77-47-4  | Hexachlorocyclopentadiene     | ND          | CCVE, ICVE | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 67-72-1  | Hexachloroethane              | ND          |            | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 193-39-5 | <b>Indeno(1,2,3-cd)pyrene</b> | <b>362</b>  |            | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 78-59-1  | Isophorone                    | ND          |            | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 91-20-3  | Naphthalene                   | ND          |            | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 98-95-3  | Nitrobenzene                  | ND          |            | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 62-75-9  | N-Nitrosodimethylamine        | ND          | CAL-E      | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 621-64-7 | N-nitroso-di-n-propylamine    | ND          |            | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 86-30-6  | N-Nitrosodiphenylamine        | ND          | CCVE       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 87-86-5  | Pentachlorophenol             | ND          | CCVE       | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 85-01-8  | <b>Phenanthrene</b>           | <b>656</b>  |            | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 108-95-2 | Phenol                        | ND          |            | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |
| 129-00-0 | <b>Pyrene</b>                 | <b>836</b>  |            | ug/kg dry | 29.0                | 57.8 | 1        | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 04/27/2024 07:03   | 05/01/2024 21:05   | SS      |

**Surrogate Recoveries**

| Surrogate   | Result | Acceptance Range |
|---|--------|------------------|
| 4165-60-0 <i>Surrogate: SURR: Nitrobenzene-d5</i>     | 87.1 % | 22-108           |
| 321-60-8 <i>Surrogate: SURR: 2-Fluorobiphenyl</i>     | 76.4 % | 21-113           |
| 118-79-6 <i>Surrogate: SURR: 2,4,6-Tribromophenol</i> | 71.3 % | 19-110           |
| 1718-51-0 <i>Surrogate: SURR: Terphenyl-d14</i>       | 80.9 % | 24-116           |

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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



### Sample Information

**Client Sample ID:** WC-16

**York Sample ID:** 24D1795-31

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Semi-Volatiles, TCLP RCRA Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

| CAS No.    | Parameter             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------------|--------|------|-------|---------------------|------|----------|--|--------------------|--------------------|---------|
| 106-46-7   | 1,4-Dichlorobenzene   | ND     |      | ug/L  | 3.23                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: NELAC-NY10854,PADEP-68-04440                         | 05/02/2024 08:15   | 05/02/2024 15:52   | SS      |
| 95-95-4    | 2,4,5-Trichlorophenol | ND     |      | ug/L  | 3.61                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:52   | SS      |
| 88-06-2    | 2,4,6-Trichlorophenol | ND     |      | ug/L  | 3.27                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:52   | SS      |
| 121-14-2   | 2,4-Dinitrotoluene    | ND     |      | ug/L  | 2.37                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:52   | SS      |
| 95-48-7    | 2-Methylphenol        | ND     |      | ug/L  | 0.857               | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:52   | SS      |
| 65794-96-9 | 3- & 4-Methylphenols  | ND     |      | ug/L  | 3.72                | 10.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:52   | SS      |
| 1319-77-3  | Cresols, total        | ND     |      | ug/L  | 3.70                | 15.0 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854                          | 05/02/2024 08:15   | 05/02/2024 15:52   | SS      |
| 118-74-1   | Hexachlorobenzene     | ND     |      | ug/L  | 2.96                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:52   | SS      |
| 87-68-3    | Hexachlorobutadiene   | ND     |      | ug/L  | 3.31                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:52   | SS      |
| 67-72-1    | Hexachloroethane      | ND     |      | ug/L  | 3.63                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:52   | SS      |
| 98-95-3    | Nitrobenzene          | ND     |      | ug/L  | 1.97                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:52   | SS      |
| 87-86-5    | Pentachlorophenol     | ND     |      | ug/L  | 3.76                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:52   | SS      |
| 110-86-1   | Pyridine              | ND     |      | ug/L  | 3.19                | 5.00 | 1        | EPA 8270D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:15   | 05/02/2024 15:52   | SS      |

**Surrogate Recoveries**

**Result**

**Acceptance Range**

|            |                                       |        |          |
|------------|---------------------------------------|--------|----------|
| 367-12-4   | Surrogate: SURR: 2-Fluorophenol       | 56.4 % | 10-90.9  |
| 13127-88-3 | Surrogate: SURR: Phenol-d6            | 37.2 % | 10-69.2  |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5      | 83.0 % | 19.2-141 |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl     | 75.0 % | 24.8-127 |
| 118-79-6   | Surrogate: SURR: 2,4,6-Tribromophenol | 96.4 % | 23-163   |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14        | 82.0 % | 25.8-110 |

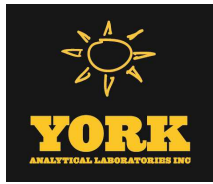
**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No. | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 72-54-8 | 4,4'-DDD  | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 72-55-9 | 4,4'-DDE  | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 50-29-3 | 4,4'-DDT  | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |



### Sample Information

**Client Sample ID:** WC-16

**York Sample ID:** 24D1795-31

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.    | Parameter           | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 309-00-2   | Aldrin              | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 319-84-6   | alpha-BHC           | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 5103-71-9  | alpha-Chlordane     | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 319-85-7   | beta-BHC            | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 57-74-9    | Chlordane, total    | ND     |      | ug/kg dry | 46.1            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 319-86-8   | delta-BHC           | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 60-57-1    | Dieldrin            | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 959-98-8   | Endosulfan I        | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 33213-65-9 | Endosulfan II       | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440           | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 1031-07-8  | Endosulfan sulfate  | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 72-20-8    | Endrin              | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 7421-93-4  | Endrin aldehyde     | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 53494-70-5 | Endrin ketone       | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 58-89-9    | gamma-BHC (Lindane) | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 5566-34-7  | gamma-Chlordane     | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 76-44-8    | Heptachlor          | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 1024-57-3  | Heptachlor epoxide  | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 72-43-5    | Methoxychlor        | ND     |      | ug/kg dry | 2.30            | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |
| 8001-35-2  | Toxaphene           | ND     |      | ug/kg dry | 230             | 5        | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/29/2024 22:22   | TAH     |

**Surrogate Recoveries**

|           | Surrogate                       | Result | Acceptance Range |
|-----------|---------------------------------|--------|------------------|
| 2051-24-3 | Surrogate: Decachlorobiphenyl   | 97.6 % | 30-150           |
| 877-09-8  | Surrogate: Tetrachloro-m-xylene | 124 %  | 30-150           |

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

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



### Sample Information

**Client Sample ID:** WC-16

**York Sample ID:** 24D1795-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Pesticides, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1312

| CAS No.                     | Parameter                       | Result        | Flag | Units | Reported to LOD/MDL     | LOQ    | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---------------------------------|---------------|------|-------|-------------------------|--------|----------|--|--------------------|--------------------|---------|
| 57-74-9                     | Chlordane, total                | ND            |      | ug/L  | 0.250                   | 0.250  | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 13:13   | NF      |
| 72-20-8                     | Endrin                          | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 13:13   | NF      |
| 58-89-9                     | gamma-BHC (Lindane)             | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 13:13   | NF      |
| 76-44-8                     | Heptachlor                      | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 13:13   | NF      |
| 1024-57-3                   | Heptachlor epoxide              | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 13:13   | NF      |
| 72-43-5                     | Methoxychlor                    | ND            |      | ug/L  | 0.0500                  | 0.0500 | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 13:13   | NF      |
| 8001-35-2                   | Toxaphene                       | ND            |      | ug/L  | 1.25                    | 1.25   | 1        | EPA 8081B/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:17   | 05/02/2024 13:13   | NF      |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |       | <b>Acceptance Range</b> |        |          |  |                    |                    |         |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 111 %         |      |       | 30-120                  |        |          |  |                    |                    |         |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 103 %         |      |       | 30-120                  |        |          |  |                    |                    |         |

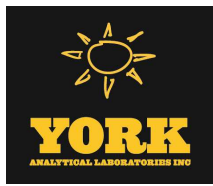
**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

| CAS No.                     | Parameter                       | Result        | Flag | Units     | Reported to LOQ         | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |  |
|-----------------------------|---------------------------------|---------------|------|-----------|-------------------------|----------|---|--------------------|--------------------|---------|--|
| 12674-11-2                  | Aroclor 1016                    | ND            |      | mg/kg dry | 0.0233                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/28/2024 22:37   | NF      |  |
| 11104-28-2                  | Aroclor 1221                    | ND            |      | mg/kg dry | 0.0233                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/28/2024 22:37   | NF      |  |
| 11141-16-5                  | Aroclor 1232                    | ND            |      | mg/kg dry | 0.0233                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/28/2024 22:37   | NF      |  |
| 53469-21-9                  | Aroclor 1242                    | ND            |      | mg/kg dry | 0.0233                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/28/2024 22:37   | NF      |  |
| 12672-29-6                  | Aroclor 1248                    | ND            |      | mg/kg dry | 0.0233                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/28/2024 22:37   | NF      |  |
| 11097-69-1                  | Aroclor 1254                    | ND            |      | mg/kg dry | 0.0233                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/28/2024 22:37   | NF      |  |
| 11096-82-5                  | Aroclor 1260                    | ND            |      | mg/kg dry | 0.0233                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044 | 04/27/2024 07:14   | 04/28/2024 22:37   | NF      |  |
| 37324-23-5                  | Aroclor 1262                    | ND            |      | mg/kg dry | 0.0233                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:14   | 04/28/2024 22:37   | NF      |  |
| 11100-14-4                  | Aroclor 1268                    | ND            |      | mg/kg dry | 0.0233                  | 1        | EPA 8082A<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440             | 04/27/2024 07:14   | 04/28/2024 22:37   | NF      |  |
| 1336-36-3                   | * Total PCBs                    | ND            |      | mg/kg dry | 0.0233                  | 1        | EPA 8082A<br>Certifications:  | 04/27/2024 07:14   | 04/28/2024 22:37   | NF      |  |
| <b>Surrogate Recoveries</b> |                                 | <b>Result</b> |      |           | <b>Acceptance Range</b> |          |   |                    |                    |         |  |
| 877-09-8                    | Surrogate: Tetrachloro-m-xylene | 91.5 %        |      |           | 30-140                  |          |   |                    |                    |         |  |
| 2051-24-3                   | Surrogate: Decachlorobiphenyl   | 74.0 %        |      |           | 30-140                  |          |   |                    |                    |         |  |



### Sample Information

**Client Sample ID:** WC-16

**York Sample ID:** 24D1795-31

|  |   |                       |  |                                    |
|--|---|-----------------------|--|------------------------------------|
| <u>York Project (SDG) No.</u><br>24D1795 | <u>Client Project ID</u><br>Four Sparrows | <u>Matrix</u><br>Soil | <u>Collection Date/Time</u><br>April 26, 2024 11:19 am | <u>Date Received</u><br>04/26/2024 |
|--|---|-----------------------|--|------------------------------------|

**Herbicides, Target List**

Log-in Notes:

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            |                         | ug/kg dry | 27.9            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/30/2024 00:50   | BCJ     |
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/kg dry | 27.9            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/30/2024 00:50   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/kg dry | 27.9            | 1        | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/29/2024 08:21   | 04/30/2024 00:50   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |   |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 78.2 %        | 21-150                  |           |                 |          |   |                    |                    |         |

**Herbicides, TCLP Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

| CAS No.                     | Parameter                                       | Result        | Flag                    | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|---|---------------|-------------------------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 93-72-1                     | 2,4,5-TP (Silvex)                               | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:53   | 05/02/2024 18:07   | BCJ     |
| 94-75-7                     | 2,4-D   | ND            |                         | ug/L  | 5.00            | 1        | EPA 8151A/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:53   | 05/02/2024 18:07   | BCJ     |
| <b>Surrogate Recoveries</b> |   | <b>Result</b> | <b>Acceptance Range</b> |       |                 |          |  |                    |                    |         |
| 19719-28-9                  | Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 58.2 %        | 10-150                  |       |                 |          |  |                    |                    |         |

**NJDEP EPH (Cat. 2 Non-Fractionated)**

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 |
|-----------------------------|-------------------------------|---------------|-------------------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
|                             | * Total EPH                   | ND            |                         | mg/kg dry | 66.7            | 1        | NJDEP EPH Rev 3.0<br>Certifications: NJDEP-CT005 | 04/30/2024 12:07   | 05/01/2024 14:11   | GXB     |
| <b>Surrogate Recoveries</b> |                               | <b>Result</b> | <b>Acceptance Range</b> |           |                 |          |  |                    |                    |         |
| 3386-33-2                   | Surrogate: 1-Chlorooctadecane | 73.8 %        | 31.6-128                |           |                 |          |  |                    |                    |         |
| 84-15-1                     | Surrogate: o-Terphenyl        | 75.0 %        | 28.7-124                |           |                 |          |  |                    |                    |         |

**Metals, Target Analyte**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 3790   |      | mg/kg dry | 5.84            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7440-36-0 | Antimony  | 4.83   |      | mg/kg dry | 2.92            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7440-38-2 | Arsenic   | 3.75   |      | mg/kg dry | 1.75            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |



### Sample Information

**Client Sample ID:** WC-16

**York Sample ID:** 24D1795-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag       | Units     | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------------|-----------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-39-3 | Barium    | 12.9   |            | mg/kg dry | 2.91            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7440-41-7 | Beryllium | ND     |            | mg/kg dry | 0.059           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7440-43-9 | Cadmium   | 0.408  |            | mg/kg dry | 0.350           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7440-70-2 | Calcium   | 1670   |            | mg/kg dry | 5.84            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7440-47-3 | Chromium  | 8.97   |            | mg/kg dry | 0.584           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7440-48-4 | Cobalt    | 3.27   |            | mg/kg dry | 0.467           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7440-50-8 | Copper    | 17.8   |            | mg/kg dry | 2.34            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7439-89-6 | Iron      | 11100  |            | mg/kg dry | 29.2            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7439-92-1 | Lead      | 730    |            | mg/kg dry | 0.584           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7439-95-4 | Magnesium | 2110   |            | mg/kg dry | 5.84            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7439-96-5 | Manganese | 65.2   |            | mg/kg dry | 0.584           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7440-02-0 | Nickel    | 11.8   |            | mg/kg dry | 1.16            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7440-09-7 | Potassium | 769    | M-CCV<br>1 | mg/kg dry | 5.84            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7782-49-2 | Selenium  | ND     |            | mg/kg dry | 2.92            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7440-22-4 | Silver    | ND     |            | mg/kg dry | 0.588           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7440-23-5 | Sodium    | 497    |            | mg/kg dry | 58.4            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7440-62-2 | Vanadium  | 13.0   |            | mg/kg dry | 1.16            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |
| 7440-66-6 | Zinc      | 102    | B          | mg/kg dry | 2.91            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/01/2024 14:25   | 05/02/2024 14:48   | AGNR    |

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-38-2 | Arsenic   | ND     |      | mg/L  | 0.375           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/02/2024 08:08   | 05/02/2024 15:54   | AGNR    |
| 7440-39-3 | Barium    | ND     |      | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 05/02/2024 08:08   | 05/02/2024 15:54   | AGNR    |





### Sample Information

**Client Sample ID:** WC-16

**York Sample ID:** 24D1795-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

| CAS No.   | Parameter   | Result      | Flag       | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-------------|-------------|------------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 7440-43-9 | Cadmium     | ND          |            | mg/L  | 0.075           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:54   | AGNR    |
| 7440-47-3 | Chromium    | ND          |            | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:54   | AGNR    |
| 7439-92-1 | <b>Lead</b> | <b>4.16</b> | M-CCV<br>1 | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:54   | AGNR    |
| 7782-49-2 | Selenium    | ND          |            | mg/L  | 0.625           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:54   | AGNR    |
| 7440-22-4 | Silver      | ND          |            | mg/L  | 0.125           | 1        | EPA 6010D/1311<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 05/02/2024 08:08   | 05/02/2024 15:54   | AGNR    |

**Thallium by EPA 6020**

**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 |
|-----------|-----------|--------|------|-----------|-----------------|----------|---|--------------------|--------------------|---------|
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 0.117           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 04/30/2024 08:56   | 05/01/2024 12:51   | AJL     |

**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 | 0.0420          | 1        | EPA 7473<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044 | 04/30/2024 09:17   | 04/30/2024 16:07   | DRS     |

**Mercury, TCLP**

**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  | 0.000200        | 1        | EPA 7470/1311<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108 | 05/01/2024 08:13   | 05/01/2024 08:13   | PFA     |

**Chloride, SPLP**

**Log-in Notes:**

**Sample Notes:**

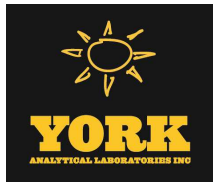
Sample Prepared by Method: EPA 300/1312

| CAS No.    | Parameter       | Result      | Flag | Units | Reported to LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|-----------------|-------------|------|-------|-----------------|----------|--|--------------------|--------------------|---------|
| 16887-00-6 | <b>Chloride</b> | <b>25.3</b> |      | mg/L  | 0.500           | 1        | EPA 300.0<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005 | 05/01/2024 18:59   | 05/01/2024 18:59   | NJO     |

**Chromium, Hexavalent**

**Log-in Notes:**

**Sample Notes:**



Sample Information

Client Sample ID: WC-16

York Sample ID: 24D1795-31

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Sample Prepared by Method: EPA SW846-3060

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 18540-29-9 Chromium, Hexavalent, ND, mg/kg dry, 0.700, 1, EPA 7196A, 05/01/2024 14:50, 05/01/2024 20:46, SMK

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: pH, 7.13, pH units, 0.500, 1, EPA 9045D, 04/30/2024 11:38, 04/30/2024 15:37, PRS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 57-12-5 Cyanide, total, ND, mg/kg dry, 0.700, 1, EPA 9014/9010C, 05/01/2024 07:15, 05/01/2024 16:00, PMB

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: \* Reactivity - Cyanide, ND, mg/kg, 0.250, 1, EPA SW-846 Ch.7.3.3, 04/30/2024 12:37, 04/30/2024 17:42, SL

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: \* Reactivity - Sulfide, 64.0, mg/kg, 15.0, 1, EPA SW-846 Ch.7.3.4, 04/30/2024 12:43, 04/30/2024 15:52, SL

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: \* Temperature, 23.0, °C, 1.00, 1, EPA 170.1, 04/30/2024 11:38, 04/30/2024 15:39, PRS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: \* Ignitability, Non-Ignit., None, 1, 1, EPA 1030P, 04/28/2024 06:49, 04/28/2024 07:35, CAM2

Paint Filter Test

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-16

York Sample ID: 24D1795-31

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: Paint Filter Test, No Free Liquid, None, 0.05, 1, EPA 9095B, 04/29/2024 09:21, 04/29/2024 10:55, JAMT

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: \* % Solids, 71.4, %, 0.100, 1, SM 2540G, 04/30/2024 07:39, 04/30/2024 11:54, HLY

SPLP Extraction for WET CHEM EPA 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Wet Chem

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: SPLP Extraction, Completed, N/A, 1.00, 1, EPA 1312, 04/28/2024 15:55, 04/29/2024 17:50, TAJ

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/30/2024 16:43, 05/01/2024 11:05, TAJ

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 04/30/2024 16:45, 05/01/2024 11:12, TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 05/01/2024 15:43, 05/02/2024 10:56, CAM2

Sample Information

Client Sample ID: WC-16 (g)

York Sample ID: 24D1795-32

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24D1795, Four Sparrows, Soil, April 26, 2024 11:19 am, 04/26/2024



### Sample Information

**Client Sample ID:** WC-16 (g)

**York Sample ID:** 24D1795-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.  | Parameter   | Result    | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------|---|-----------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 75-34-3  | 1,1-Dichloroethane                                | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 75-35-4  | 1,1-Dichloroethylene                              | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 106-93-4 | 1,2-Dibromoethane                                 | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 107-06-2 | 1,2-Dichloroethane                                | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 78-87-5  | 1,2-Dichloropropane                               | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 123-91-1 | 1,4-Dioxane                                       | ND        |      | ug/kg dry | 60                  | 120 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 78-93-3  | <b>2-Butanone</b>                                 | <b>13</b> |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 591-78-6 | 2-Hexanone  | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND        |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |



### Sample Information

**Client Sample ID:** WC-16 (g)

**York Sample ID:** 24D1795-32

York Project (SDG) No.  
24D1795

Client Project ID  
Four Sparrows

Matrix  
Soil

Collection Date/Time  
April 26, 2024 11:19 am

Date Received  
04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.    | Parameter                 | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------|--------|------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 67-64-1    | Acetone                   | 30     | ICVE | ug/kg dry | 6.0                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 107-02-8   | Acrolein                  | ND     |      | ug/kg dry | 6.0                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 71-43-2    | Benzene                   | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 75-25-2    | Bromoform                 | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 74-83-9    | Bromomethane              | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 75-15-0    | Carbon disulfide          | 5.8    | J    | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 75-00-3    | Chloroethane              | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 67-66-3    | Chloroform                | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 74-87-3    | Chloromethane             | ND     | CCVE | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 110-82-7   | Cyclohexane               | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 74-95-3    | Dibromomethane            | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 75-71-8    | Dichlorodifluoromethane   | ND     | CCVE | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 98-82-8    | Isopropylbenzene          | ND     |      | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |



### Sample Information

**Client Sample ID:** WC-16 (g)

**York Sample ID:** 24D1795-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1795

Four Sparrows

Soil

April 26, 2024 11:19 am

04/26/2024

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No.     | Parameter                      | Result | Flag                    | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference Method   | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-------------|--------------------------------|--------|-------------------------|-----------|---------------------|-----|----------|--|--------------------|--------------------|---------|
| 79-20-9     | Methyl acetate                 | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 108-87-2    | Methylcyclohexane              | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 75-09-2     | Methylene chloride             | ND     |                         | ug/kg dry | 6.0                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 104-51-8    | n-Butylbenzene                 | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 103-65-1    | n-Propylbenzene                | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 95-47-6     | o-Xylene                       | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 179601-23-1 | p- & m- Xylenes                | ND     | QL-02                   | ug/kg dry | 6.0                 | 12  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 99-87-6     | p-Isopropyltoluene             | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 135-98-8    | sec-Butylbenzene               | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 100-42-5    | Styrene                        | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 98-06-6     | tert-Butylbenzene              | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 127-18-4    | Tetrachloroethylene            | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 108-88-3    | Toluene                        | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 110-57-6    | * trans-1,4-dichloro-2-butene  | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723                                       | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 79-01-6     | Trichloroethylene              | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 75-69-4     | Trichlorofluoromethane         | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 75-01-4     | Vinyl Chloride                 | ND     |                         | ug/kg dry | 3.0                 | 6.0 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |
| 1330-20-7   | Xylenes, Total                 | ND     |                         | ug/kg dry | 9.0                 | 18  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/29/2024 09:00   | 04/29/2024 17:58   | BMT     |

Surrogate Recoveries

Result

Acceptance Range



### Sample Information

**Client Sample ID:** WC-16 (g)

**York Sample ID:** 24D1795-32

York Project (SDG) No.  
24D1795

Client Project ID  
Four Sparrows

Matrix  
Soil

Collection Date/Time  
April 26, 2024 11:19 am

Date Received  
04/26/2024

#### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

| CAS No.    | Parameter                                 | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|---|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 105 %  |      |       | 77-125                 |     |          |                  |                       |                       |         |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 98.1 % |      |       | 85-120                 |     |          |                  |                       |                       |         |
| 460-00-4   | Surrogate: SURR:<br>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<br>LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |  |
|---------|------------|--------|------|-------|--------------------|----------|------------------|-----------------------|-----------------------|---------|--|
| solids  | * % Solids | 71.4   |      | %     | 0.100              | 1        | SM 2540G         | 04/30/2024 19:32      | 04/30/2024 23:07      | SMK     |  |
|         |            |        |      |       |                    |          | Certifications:  | CTDOH-PH-0723         |                       |         |  |



## Analytical Batch Summary

**Batch ID:** BD42065

**Preparation Method:** EPA 3550C

**Prepared By:** SAC

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-15     | WC-8             | 04/27/24         |
| 24D1795-17     | WC-9             | 04/27/24         |
| 24D1795-19     | WC-10            | 04/27/24         |
| 24D1795-19RE1  | WC-10            | 04/27/24         |
| 24D1795-21     | WC-11            | 04/27/24         |
| 24D1795-21RE1  | WC-11            | 04/27/24         |
| 24D1795-23     | WC-12            | 04/27/24         |
| 24D1795-25     | WC-13            | 04/27/24         |
| 24D1795-27     | WC-14            | 04/27/24         |
| 24D1795-29     | WC-15            | 04/27/24         |
| 24D1795-31     | WC-16            | 04/27/24         |
| BD42065-BLK1   | Blank            | 04/27/24         |
| BD42065-BS1    | LCS              | 04/27/24         |
| BD42065-MS1    | Matrix Spike     | 04/27/24         |
| BD42065-MSD1   | Matrix Spike Dup | 04/27/24         |

**Batch ID:** BD42066

**Preparation Method:** EPA 3550C

**Prepared By:** BMT

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-31     | WC-16            | 04/27/24         |
| 24D1795-31     | WC-16            | 04/27/24         |
| BD42066-BLK1   | Blank            | 04/27/24         |
| BD42066-BLK2   | Blank            | 04/27/24         |
| BD42066-BS1    | LCS              | 04/27/24         |
| BD42066-BS2    | LCS              | 04/27/24         |
| BD42066-MS1    | Matrix Spike     | 04/27/24         |
| BD42066-MS2    | Matrix Spike     | 04/27/24         |
| BD42066-MSD1   | Matrix Spike Dup | 04/27/24         |
| BD42066-MSD2   | Matrix Spike Dup | 04/27/24         |

**Batch ID:** BD42067

**Preparation Method:** EPA 3550C

**Prepared By:** BMT

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 04/27/24         |
| 24D1795-01     | WC-1             | 04/27/24         |
| 24D1795-01RE1  | WC-1             | 04/27/24         |
| 24D1795-03     | WC-2             | 04/27/24         |
| 24D1795-03     | WC-2             | 04/27/24         |
| 24D1795-05     | WC-3             | 04/27/24         |
| 24D1795-05     | WC-3             | 04/27/24         |
| 24D1795-07     | WC-4             | 04/27/24         |
| 24D1795-07     | WC-4             | 04/27/24         |
| 24D1795-09     | WC-5             | 04/27/24         |
| 24D1795-09     | WC-5             | 04/27/24         |
| 24D1795-11     | WC-6             | 04/27/24         |





|              |                  |          |
|--------------|------------------|----------|
| 24D1795-11   | WC-6             | 04/27/24 |
| 24D1795-13   | WC-7             | 04/27/24 |
| 24D1795-13   | WC-7             | 04/27/24 |
| 24D1795-15   | WC-8             | 04/27/24 |
| 24D1795-15   | WC-8             | 04/27/24 |
| 24D1795-17   | WC-9             | 04/27/24 |
| 24D1795-17   | WC-9             | 04/27/24 |
| 24D1795-19   | WC-10            | 04/27/24 |
| 24D1795-19   | WC-10            | 04/27/24 |
| 24D1795-21   | WC-11            | 04/27/24 |
| 24D1795-21   | WC-11            | 04/27/24 |
| 24D1795-23   | WC-12            | 04/27/24 |
| 24D1795-23   | WC-12            | 04/27/24 |
| 24D1795-25   | WC-13            | 04/27/24 |
| 24D1795-25   | WC-13            | 04/27/24 |
| 24D1795-27   | WC-14            | 04/27/24 |
| 24D1795-27   | WC-14            | 04/27/24 |
| 24D1795-29   | WC-15            | 04/27/24 |
| 24D1795-29   | WC-15            | 04/27/24 |
| BD42067-BLK1 | Blank            | 04/27/24 |
| BD42067-BLK2 | Blank            | 04/27/24 |
| BD42067-BS1  | LCS              | 04/27/24 |
| BD42067-BS2  | LCS              | 04/27/24 |
| BD42067-MS1  | Matrix Spike     | 04/27/24 |
| BD42067-MS2  | Matrix Spike     | 04/27/24 |
| BD42067-MSD1 | Matrix Spike Dup | 04/27/24 |
| BD42067-MSD2 | Matrix Spike Dup | 04/27/24 |

**Batch ID:** BD42068      **Preparation Method:** EPA 3550C      **Prepared By:** SAC

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 04/27/24         |
| 24D1795-01RE1  | WC-1             | 04/27/24         |
| 24D1795-01RE2  | WC-1             | 04/27/24         |
| 24D1795-03     | WC-2             | 04/27/24         |
| 24D1795-03RE1  | WC-2             | 04/27/24         |
| 24D1795-05     | WC-3             | 04/27/24         |
| 24D1795-07     | WC-4             | 04/27/24         |
| 24D1795-09     | WC-5             | 04/27/24         |
| 24D1795-09RE1  | WC-5             | 04/27/24         |
| 24D1795-09RE2  | WC-5             | 04/27/24         |
| 24D1795-11     | WC-6             | 04/27/24         |
| 24D1795-11RE1  | WC-6             | 04/27/24         |
| 24D1795-13     | WC-7             | 04/27/24         |
| BD42068-BLK1   | Blank            | 04/27/24         |
| BD42068-BS1    | LCS              | 04/27/24         |
| BD42068-MS1    | Matrix Spike     | 04/27/24         |
| BD42068-MSD1   | Matrix Spike Dup | 04/27/24         |

**Batch ID:** BD42079      **Preparation Method:** EPA SW 846-1311 TCLP ext. for metals      **Prepared By:** LRS



| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 04/27/24         |
| 24D1795-03     | WC-2             | 04/27/24         |
| 24D1795-05     | WC-3             | 04/27/24         |
| 24D1795-07     | WC-4             | 04/27/24         |
| 24D1795-09     | WC-5             | 04/27/24         |
| 24D1795-11     | WC-6             | 04/27/24         |
| 24D1795-13     | WC-7             | 04/27/24         |
| 24D1795-15     | WC-8             | 04/27/24         |
| 24D1795-17     | WC-9             | 04/27/24         |
| BD42079-BLK1   | Blank            | 04/27/24         |

**Batch ID:** BD42080      **Preparation Method:** EPA SW 846-1311 TCLP extr. for SVOC      **Prepared By:** LRS

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 04/27/24         |
| 24D1795-03     | WC-2             | 04/27/24         |
| 24D1795-05     | WC-3             | 04/27/24         |
| 24D1795-07     | WC-4             | 04/27/24         |
| 24D1795-09     | WC-5             | 04/27/24         |
| 24D1795-11     | WC-6             | 04/27/24         |
| 24D1795-13     | WC-7             | 04/27/24         |
| 24D1795-15     | WC-8             | 04/27/24         |
| 24D1795-17     | WC-9             | 04/27/24         |
| BD42080-BLK1   | Blank            | 04/27/24         |

**Batch ID:** BD42082      **Preparation Method:** EPA SW 846-1311 TCLP ZHE for VOCS      **Prepared By:** LRS

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 04/27/24         |
| 24D1795-03     | WC-2             | 04/27/24         |
| 24D1795-05     | WC-3             | 04/27/24         |
| 24D1795-07     | WC-4             | 04/27/24         |
| 24D1795-09     | WC-5             | 04/27/24         |
| 24D1795-11     | WC-6             | 04/27/24         |
| 24D1795-13     | WC-7             | 04/27/24         |
| 24D1795-15     | WC-8             | 04/27/24         |
| 24D1795-17     | WC-9             | 04/27/24         |
| BD42082-BLK1   | Blank            | 04/27/24         |

**Batch ID:** BD42086      **Preparation Method:** Analysis Preparation      **Prepared By:** CAM2

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-03     | WC-2             | 04/28/24         |
| 24D1795-05     | WC-3             | 04/28/24         |
| 24D1795-07     | WC-4             | 04/28/24         |
| 24D1795-09     | WC-5             | 04/28/24         |
| 24D1795-11     | WC-6             | 04/28/24         |
| 24D1795-13     | WC-7             | 04/28/24         |
| 24D1795-15     | WC-8             | 04/28/24         |



|            |       |          |
|------------|-------|----------|
| 24D1795-17 | WC-9  | 04/28/24 |
| 24D1795-19 | WC-10 | 04/28/24 |
| 24D1795-21 | WC-11 | 04/28/24 |
| 24D1795-23 | WC-12 | 04/28/24 |
| 24D1795-25 | WC-13 | 04/28/24 |
| 24D1795-27 | WC-14 | 04/28/24 |
| 24D1795-29 | WC-15 | 04/28/24 |
| 24D1795-31 | WC-16 | 04/28/24 |

**Batch ID:** BD42087      **Preparation Method:** Analysis Preparation      **Prepared By:** CAM2

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 04/28/24         |

**Batch ID:** BD42092      **Preparation Method:** EPA 5030B/1311      **Prepared By:** BMT

| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 24D1795-01     | WC-1              | 04/28/24         |
| 24D1795-03     | WC-2              | 04/28/24         |
| 24D1795-05     | WC-3              | 04/28/24         |
| 24D1795-07     | WC-4              | 04/28/24         |
| 24D1795-09     | WC-5              | 04/28/24         |
| 24D1795-11     | WC-6              | 04/28/24         |
| BD42092-BLK1   | Blank             | 04/28/24         |
| BD42092-BS1    | LCS               | 04/28/24         |
| BD42092-BSD1   | LCS Dup           | 04/28/24         |
| BD42092-LBK1   | Leach Fluid Blank | 04/28/24         |
| BD42092-MS1    | Matrix Spike      | 04/28/24         |

**Batch ID:** BD42099      **Preparation Method:** EPA SW 846-1312 SPLP for Extr. for      **Prepared By:** CAM2

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 04/28/24         |
| 24D1795-15     | WC-8             | 04/28/24         |
| 24D1795-19     | WC-10            | 04/28/24         |
| 24D1795-21     | WC-11            | 04/28/24         |
| 24D1795-23     | WC-12            | 04/28/24         |
| 24D1795-25     | WC-13            | 04/28/24         |
| 24D1795-27     | WC-14            | 04/28/24         |
| 24D1795-29     | WC-15            | 04/28/24         |
| 24D1795-31     | WC-16            | 04/28/24         |
| BD42099-BLK1   | Blank            | 04/28/24         |

**Batch ID:** BD42104      **Preparation Method:** Analysis Preparation      **Prepared By:** TCD

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 04/29/24         |
| 24D1795-03     | WC-2             | 04/29/24         |
| 24D1795-05     | WC-3             | 04/29/24         |



24D1795-07

WC-4

04/29/24

**Batch ID:** BD42111

**Preparation Method:** EPA 5035A

**Prepared By:** BMT

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-02     | WC-1 (g)         | 04/29/24         |
| 24D1795-04     | WC-2 (g)         | 04/29/24         |
| 24D1795-06     | WC-3 (g)         | 04/29/24         |
| 24D1795-08     | WC-4 (g)         | 04/29/24         |
| 24D1795-10     | WC-5 (g)         | 04/29/24         |
| 24D1795-12     | WC-6 (g)         | 04/29/24         |
| 24D1795-14     | WC-7 (g)         | 04/29/24         |
| 24D1795-16     | WC-8 (g)         | 04/29/24         |
| 24D1795-18     | WC-9 (g)         | 04/29/24         |
| 24D1795-20     | WC-10 (g)        | 04/29/24         |
| 24D1795-22     | WC-11 (g)        | 04/29/24         |
| 24D1795-24     | WC-12 (g)        | 04/29/24         |
| 24D1795-26     | WC-13 (g)        | 04/29/24         |
| 24D1795-28     | WC-14 (g)        | 04/29/24         |
| 24D1795-32     | WC-16 (g)        | 04/29/24         |
| BD42111-BLK1   | Blank            | 04/29/24         |
| BD42111-BS1    | LCS              | 04/29/24         |
| BD42111-BSD1   | LCS Dup          | 04/29/24         |

**Batch ID:** BD42114

**Preparation Method:** % Solids Prep

**Prepared By:** HLY

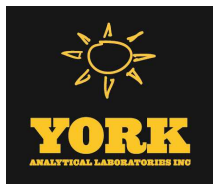
| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 04/29/24         |
| 24D1795-02     | WC-1 (g)         | 04/29/24         |
| 24D1795-03     | WC-2             | 04/29/24         |
| 24D1795-04     | WC-2 (g)         | 04/29/24         |
| 24D1795-05     | WC-3             | 04/29/24         |
| 24D1795-06     | WC-3 (g)         | 04/29/24         |
| 24D1795-07     | WC-4             | 04/29/24         |
| 24D1795-08     | WC-4 (g)         | 04/29/24         |
| 24D1795-09     | WC-5             | 04/29/24         |
| 24D1795-10     | WC-5 (g)         | 04/29/24         |
| 24D1795-11     | WC-6             | 04/29/24         |
| 24D1795-12     | WC-6 (g)         | 04/29/24         |
| 24D1795-13     | WC-7             | 04/29/24         |
| 24D1795-14     | WC-7 (g)         | 04/29/24         |
| 24D1795-15     | WC-8             | 04/29/24         |
| 24D1795-16     | WC-8 (g)         | 04/29/24         |
| 24D1795-17     | WC-9             | 04/29/24         |
| BD42114-DUP1   | Duplicate        | 04/29/24         |

**Batch ID:** BD42134

**Preparation Method:** EPA 3550C/8151A

**Prepared By:** JLM

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 04/29/24         |



|              |                  |          |
|--------------|------------------|----------|
| 24D1795-03   | WC-2             | 04/29/24 |
| 24D1795-05   | WC-3             | 04/29/24 |
| 24D1795-07   | WC-4             | 04/29/24 |
| 24D1795-09   | WC-5             | 04/29/24 |
| 24D1795-11   | WC-6             | 04/29/24 |
| 24D1795-13   | WC-7             | 04/29/24 |
| 24D1795-15   | WC-8             | 04/29/24 |
| 24D1795-17   | WC-9             | 04/29/24 |
| 24D1795-19   | WC-10            | 04/29/24 |
| 24D1795-21   | WC-11            | 04/29/24 |
| 24D1795-23   | WC-12            | 04/29/24 |
| 24D1795-25   | WC-13            | 04/29/24 |
| 24D1795-27   | WC-14            | 04/29/24 |
| 24D1795-29   | WC-15            | 04/29/24 |
| 24D1795-31   | WC-16            | 04/29/24 |
| BD42134-BLK1 | Blank            | 04/29/24 |
| BD42134-BS1  | LCS              | 04/29/24 |
| BD42134-MS1  | Matrix Spike     | 04/29/24 |
| BD42134-MSD1 | Matrix Spike Dup | 04/29/24 |

**Batch ID:** BD42135                      **Preparation Method:** EPA 3545A                      **Prepared By:** JLM

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 04/29/24         |
| 24D1795-03     | WC-2             | 04/29/24         |
| 24D1795-05     | WC-3             | 04/29/24         |
| 24D1795-07     | WC-4             | 04/29/24         |
| 24D1795-09     | WC-5             | 04/29/24         |
| 24D1795-11     | WC-6             | 04/29/24         |
| 24D1795-13     | WC-7             | 04/29/24         |
| 24D1795-15     | WC-8             | 04/29/24         |
| 24D1795-17     | WC-9             | 04/29/24         |
| 24D1795-19     | WC-10            | 04/29/24         |
| 24D1795-21     | WC-11            | 04/29/24         |
| 24D1795-23     | WC-12            | 04/29/24         |
| 24D1795-25     | WC-13            | 04/29/24         |
| 24D1795-27     | WC-14            | 04/29/24         |
| 24D1795-29     | WC-15            | 04/29/24         |
| BD42135-BLK1   | Blank            | 04/29/24         |
| BD42135-BS1    | LCS              | 04/29/24         |
| BD42135-BSD1   | LCS Dup          | 04/29/24         |
| BD42135-DUP1   | Duplicate        | 04/29/24         |
| BD42135-MS1    | Matrix Spike     | 04/29/24         |

**Batch ID:** BD42141                      **Preparation Method:** EPA 3545A                      **Prepared By:** SAC

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-31     | WC-16            | 04/30/24         |
| BD42141-BLK1   | Blank            | 04/29/24         |
| BD42141-BS1    | LCS              | 04/29/24         |
| BD42141-BSD1   | LCS Dup          | 04/29/24         |



BD42141-DUP1 Duplicate 04/29/24  
 BD42141-MS1 Matrix Spike 04/29/24

**Batch ID:** BD42149 **Preparation Method:** Analysis Preparation **Prepared By:** JAMT

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-09     | WC-5             | 04/29/24         |
| 24D1795-11     | WC-6             | 04/29/24         |
| 24D1795-13     | WC-7             | 04/29/24         |
| 24D1795-15     | WC-8             | 04/29/24         |
| 24D1795-17     | WC-9             | 04/29/24         |
| 24D1795-19     | WC-10            | 04/29/24         |
| 24D1795-21     | WC-11            | 04/29/24         |
| 24D1795-23     | WC-12            | 04/29/24         |
| 24D1795-25     | WC-13            | 04/29/24         |
| 24D1795-27     | WC-14            | 04/29/24         |
| 24D1795-29     | WC-15            | 04/29/24         |
| 24D1795-31     | WC-16            | 04/29/24         |

**Batch ID:** BD42171 **Preparation Method:** EPA 5030B/1311 **Prepared By:** BMT

| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 24D1795-13     | WC-7              | 04/29/24         |
| 24D1795-15     | WC-8              | 04/29/24         |
| 24D1795-17     | WC-9              | 04/29/24         |
| BD42171-BLK1   | Blank             | 04/29/24         |
| BD42171-BS1    | LCS               | 04/29/24         |
| BD42171-BSD1   | LCS Dup           | 04/29/24         |
| BD42171-LBK1   | Leach Fluid Blank | 04/29/24         |

**Batch ID:** BD42176 **Preparation Method:** Analysis Preparation **Prepared By:** SMK

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 04/29/24         |
| 24D1795-03     | WC-2             | 04/29/24         |
| 24D1795-05     | WC-3             | 04/29/24         |
| 24D1795-07     | WC-4             | 04/29/24         |
| 24D1795-09     | WC-5             | 04/29/24         |
| 24D1795-11     | WC-6             | 04/29/24         |
| 24D1795-13     | WC-7             | 04/29/24         |
| 24D1795-15     | WC-8             | 04/29/24         |
| 24D1795-17     | WC-9             | 04/29/24         |
| BD42176-DUP1   | Duplicate        | 04/29/24         |

**Batch ID:** BD42179 **Preparation Method:** Analysis Preparation **Prepared By:** SL

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 04/29/24         |
| 24D1795-03     | WC-2             | 04/29/24         |



|              |       |          |
|--------------|-------|----------|
| 24D1795-05   | WC-3  | 04/29/24 |
| 24D1795-07   | WC-4  | 04/29/24 |
| 24D1795-09   | WC-5  | 04/29/24 |
| 24D1795-11   | WC-6  | 04/29/24 |
| 24D1795-13   | WC-7  | 04/29/24 |
| 24D1795-15   | WC-8  | 04/29/24 |
| 24D1795-17   | WC-9  | 04/29/24 |
| 24D1795-19   | WC-10 | 04/29/24 |
| 24D1795-21   | WC-11 | 04/29/24 |
| BD42179-BLK1 | Blank | 04/29/24 |

**Batch ID:** BD42180      **Preparation Method:** Analysis Preparation      **Prepared By:** SL

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 04/29/24         |
| 24D1795-03     | WC-2             | 04/29/24         |
| 24D1795-05     | WC-3             | 04/29/24         |
| 24D1795-07     | WC-4             | 04/29/24         |
| 24D1795-09     | WC-5             | 04/29/24         |
| 24D1795-11     | WC-6             | 04/29/24         |
| 24D1795-13     | WC-7             | 04/29/24         |
| 24D1795-15     | WC-8             | 04/29/24         |
| 24D1795-17     | WC-9             | 04/29/24         |
| 24D1795-19     | WC-10            | 04/29/24         |
| 24D1795-21     | WC-11            | 04/29/24         |
| BD42180-BLK1   | Blank            | 04/29/24         |
| BD42180-DUP1   | Duplicate        | 04/29/24         |

**Batch ID:** BD42206      **Preparation Method:** % Solids Prep      **Prepared By:** HLY

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-19     | WC-10            | 04/30/24         |
| 24D1795-21     | WC-11            | 04/30/24         |
| 24D1795-23     | WC-12            | 04/30/24         |
| 24D1795-25     | WC-13            | 04/30/24         |
| 24D1795-27     | WC-14            | 04/30/24         |
| 24D1795-29     | WC-15            | 04/30/24         |
| 24D1795-31     | WC-16            | 04/30/24         |
| BD42206-DUP1   | Duplicate        | 04/30/24         |

**Batch ID:** BD42210      **Preparation Method:** EPA 5035A      **Prepared By:** SCB

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-30     | WC-15 (g)        | 04/30/24         |
| BD42210-BLK1   | Blank            | 04/30/24         |
| BD42210-BS1    | LCS              | 04/30/24         |
| BD42210-BSD1   | LCS Dup          | 04/30/24         |

**Batch ID:** BD42239      **Preparation Method:** EPA 3050B      **Prepared By:** DBT



| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 04/30/24         |
| 24D1795-03     | WC-2             | 04/30/24         |
| 24D1795-05     | WC-3             | 04/30/24         |
| 24D1795-07     | WC-4             | 04/30/24         |
| 24D1795-09     | WC-5             | 04/30/24         |
| 24D1795-11     | WC-6             | 04/30/24         |
| 24D1795-13     | WC-7             | 04/30/24         |
| 24D1795-15     | WC-8             | 04/30/24         |
| 24D1795-17     | WC-9             | 04/30/24         |
| 24D1795-19     | WC-10            | 04/30/24         |
| 24D1795-21     | WC-11            | 04/30/24         |
| 24D1795-23     | WC-12            | 04/30/24         |
| 24D1795-25     | WC-13            | 04/30/24         |
| 24D1795-27     | WC-14            | 04/30/24         |
| 24D1795-29     | WC-15            | 04/30/24         |
| 24D1795-31     | WC-16            | 04/30/24         |
| BD42239-BLK1   | Blank            | 04/30/24         |
| BD42239-DUP1   | Duplicate        | 04/30/24         |
| BD42239-MS1    | Matrix Spike     | 04/30/24         |
| BD42239-SRM1   | Reference        | 04/30/24         |

**Batch ID:** BD42243      **Preparation Method:** EPA 7473 soil      **Prepared By:** DRS

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-31     | WC-16            | 04/30/24         |
| BD42243-BLK1   | Blank            | 04/30/24         |
| BD42243-DUP1   | Duplicate        | 04/30/24         |
| BD42243-MS1    | Matrix Spike     | 04/30/24         |
| BD42243-SRM1   | Reference        | 04/30/24         |

**Batch ID:** BD42256      **Preparation Method:** Analysis Preparation      **Prepared By:** PRS

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-19     | WC-10            | 04/30/24         |
| 24D1795-21     | WC-11            | 04/30/24         |
| 24D1795-23     | WC-12            | 04/30/24         |
| 24D1795-25     | WC-13            | 04/30/24         |
| 24D1795-27     | WC-14            | 04/30/24         |
| 24D1795-29     | WC-15            | 04/30/24         |
| 24D1795-31     | WC-16            | 04/30/24         |
| BD42256-DUP1   | Duplicate        | 04/30/24         |

**Batch ID:** BD42260      **Preparation Method:** Analysis Preparation      **Prepared By:** SL

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-23     | WC-12            | 04/30/24         |
| 24D1795-25     | WC-13            | 04/30/24         |
| 24D1795-27     | WC-14            | 04/30/24         |
| 24D1795-29     | WC-15            | 04/30/24         |





24D1795-31 WC-16 04/30/24  
 BD42260-BLK1 Blank 04/30/24

**Batch ID:** BD42261 **Preparation Method:** Analysis Preparation **Prepared By:** SL

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-23     | WC-12            | 04/30/24         |
| 24D1795-25     | WC-13            | 04/30/24         |
| 24D1795-27     | WC-14            | 04/30/24         |
| 24D1795-29     | WC-15            | 04/30/24         |
| 24D1795-31     | WC-16            | 04/30/24         |
| BD42261-BLK1   | Blank            | 04/30/24         |
| BD42261-DUP1   | Duplicate        | 04/30/24         |

**Batch ID:** BD42267 **Preparation Method:** EPA 3535A/1311 **Prepared By:** THD

| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 24D1795-01     | WC-1              | 04/30/24         |
| 24D1795-03     | WC-2              | 04/30/24         |
| 24D1795-05     | WC-3              | 04/30/24         |
| 24D1795-07     | WC-4              | 04/30/24         |
| 24D1795-09     | WC-5              | 04/30/24         |
| 24D1795-11     | WC-6              | 04/30/24         |
| 24D1795-13     | WC-7              | 04/30/24         |
| 24D1795-15     | WC-8              | 04/30/24         |
| 24D1795-17     | WC-9              | 04/30/24         |
| BD42267-BLK1   | Blank             | 04/30/24         |
| BD42267-BS1    | LCS               | 04/30/24         |
| BD42267-BSD1   | LCS Dup           | 04/30/24         |
| BD42267-LBK1   | Leach Fluid Blank | 04/30/24         |
| BD42267-MS1    | Matrix Spike      | 04/30/24         |

**Batch ID:** BD42281 **Preparation Method:** EPA SW 846-1311 TCLP extr. for SVOC **Prepared By:** LRS

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-19     | WC-10            | 04/30/24         |
| 24D1795-21     | WC-11            | 04/30/24         |
| 24D1795-23     | WC-12            | 04/30/24         |
| 24D1795-25     | WC-13            | 04/30/24         |
| 24D1795-27     | WC-14            | 04/30/24         |
| 24D1795-29     | WC-15            | 04/30/24         |
| 24D1795-31     | WC-16            | 04/30/24         |
| BD42281-BLK1   | Blank            | 04/30/24         |

**Batch ID:** BD42282 **Preparation Method:** EPA SW 846-1311 TCLP ext. for metals **Prepared By:** LRS

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-19     | WC-10            | 04/30/24         |
| 24D1795-21     | WC-11            | 04/30/24         |



|              |       |          |
|--------------|-------|----------|
| 24D1795-23   | WC-12 | 04/30/24 |
| 24D1795-25   | WC-13 | 04/30/24 |
| 24D1795-27   | WC-14 | 04/30/24 |
| 24D1795-29   | WC-15 | 04/30/24 |
| 24D1795-31   | WC-16 | 04/30/24 |
| BD42282-BLK1 | Blank | 04/30/24 |

**Batch ID:** BD42288      **Preparation Method:** % Solids Prep      **Prepared By:** SMK

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-18     | WC-9 (g)         | 04/30/24         |
| 24D1795-20     | WC-10 (g)        | 04/30/24         |
| 24D1795-22     | WC-11 (g)        | 04/30/24         |
| 24D1795-24     | WC-12 (g)        | 04/30/24         |
| 24D1795-26     | WC-13 (g)        | 04/30/24         |
| 24D1795-28     | WC-14 (g)        | 04/30/24         |
| 24D1795-30     | WC-15 (g)        | 04/30/24         |
| 24D1795-32     | WC-16 (g)        | 04/30/24         |
| BD42288-DUP1   | Duplicate        | 04/30/24         |

**Batch ID:** BE40001      **Preparation Method:** Analysis Preparation Soil      **Prepared By:** PMB

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 05/01/24         |
| 24D1795-03     | WC-2             | 05/01/24         |
| 24D1795-05     | WC-3             | 05/01/24         |
| 24D1795-07     | WC-4             | 05/01/24         |
| BE40001-BLK1   | Blank            | 05/01/24         |
| BE40001-DUP1   | Duplicate        | 05/01/24         |
| BE40001-MS1    | Matrix Spike     | 05/01/24         |
| BE40001-MSD1   | Matrix Spike Dup | 05/01/24         |
| BE40001-SRM1   | Reference        | 05/01/24         |

**Batch ID:** BE40002      **Preparation Method:** Analysis Preparation Soil      **Prepared By:** PMB

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-09     | WC-5             | 05/01/24         |
| 24D1795-11     | WC-6             | 05/01/24         |
| 24D1795-13     | WC-7             | 05/01/24         |
| 24D1795-15     | WC-8             | 05/01/24         |
| 24D1795-17     | WC-9             | 05/01/24         |
| 24D1795-19     | WC-10            | 05/01/24         |
| 24D1795-21     | WC-11            | 05/01/24         |
| 24D1795-23     | WC-12            | 05/01/24         |
| 24D1795-25     | WC-13            | 05/01/24         |
| 24D1795-27     | WC-14            | 05/01/24         |
| 24D1795-29     | WC-15            | 05/01/24         |
| 24D1795-31     | WC-16            | 05/01/24         |
| BE40002-BLK1   | Blank            | 05/01/24         |
| BE40002-DUP1   | Duplicate        | 05/01/24         |



BE40002-MS1 Matrix Spike 05/01/24  
BE40002-MSD1 Matrix Spike Dup 05/01/24  
BE40002-SRM1 Reference 05/01/24

**Batch ID:** BE40017 **Preparation Method:** EPA 3015A/1311 **Prepared By:** DBT

| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 24D1795-01     | WC-1              | 05/01/24         |
| 24D1795-03     | WC-2              | 05/01/24         |
| 24D1795-05     | WC-3              | 05/01/24         |
| 24D1795-07     | WC-4              | 05/01/24         |
| 24D1795-09     | WC-5              | 05/01/24         |
| 24D1795-11     | WC-6              | 05/01/24         |
| 24D1795-13     | WC-7              | 05/01/24         |
| 24D1795-15     | WC-8              | 05/01/24         |
| 24D1795-17     | WC-9              | 05/01/24         |
| BE40017-BLK1   | Blank             | 05/01/24         |
| BE40017-BS1    | LCS               | 05/01/24         |
| BE40017-DUP1   | Duplicate         | 05/01/24         |
| BE40017-LBK1   | Leach Fluid Blank | 05/01/24         |
| BE40017-MS1    | Matrix Spike      | 05/01/24         |
| BE40017-PS1    | Post Spike        | 05/01/24         |

**Batch ID:** BE40020 **Preparation Method:** EPA 3050B **Prepared By:** DBT

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 05/01/24         |
| 24D1795-03     | WC-2             | 05/01/24         |
| 24D1795-05     | WC-3             | 05/01/24         |
| 24D1795-07     | WC-4             | 05/01/24         |
| 24D1795-09     | WC-5             | 05/01/24         |
| 24D1795-11     | WC-6             | 05/01/24         |
| 24D1795-11RE1  | WC-6             | 05/01/24         |
| 24D1795-13     | WC-7             | 05/01/24         |
| 24D1795-15     | WC-8             | 05/01/24         |
| 24D1795-17     | WC-9             | 05/01/24         |
| 24D1795-19     | WC-10            | 05/01/24         |
| 24D1795-19RE1  | WC-10            | 05/01/24         |
| 24D1795-21     | WC-11            | 05/01/24         |
| 24D1795-23     | WC-12            | 05/01/24         |
| 24D1795-25     | WC-13            | 05/01/24         |
| 24D1795-27     | WC-14            | 05/01/24         |
| BE40020-BLK1   | Blank            | 05/01/24         |
| BE40020-DUP1   | Duplicate        | 05/01/24         |
| BE40020-MS1    | Matrix Spike     | 05/01/24         |
| BE40020-PS1    | Post Spike       | 05/01/24         |
| BE40020-SRM1   | Reference        | 05/01/24         |

**Batch ID:** BE40021 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA



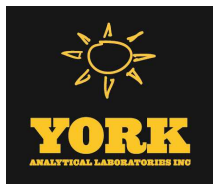
| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 24D1795-01     | WC-1              | 05/01/24         |
| 24D1795-03     | WC-2              | 05/01/24         |
| 24D1795-05     | WC-3              | 05/01/24         |
| 24D1795-07     | WC-4              | 05/01/24         |
| 24D1795-09     | WC-5              | 05/01/24         |
| 24D1795-11     | WC-6              | 05/01/24         |
| 24D1795-13     | WC-7              | 05/01/24         |
| 24D1795-15     | WC-8              | 05/01/24         |
| 24D1795-17     | WC-9              | 05/01/24         |
| 24D1795-19     | WC-10             | 05/01/24         |
| 24D1795-21     | WC-11             | 05/01/24         |
| 24D1795-23     | WC-12             | 05/01/24         |
| 24D1795-25     | WC-13             | 05/01/24         |
| 24D1795-27     | WC-14             | 05/01/24         |
| 24D1795-29     | WC-15             | 05/01/24         |
| 24D1795-31     | WC-16             | 05/01/24         |
| BE40021-BLK1   | Blank             | 05/01/24         |
| BE40021-BLK2   | Blank             | 05/01/24         |
| BE40021-BS1    | LCS               | 05/01/24         |
| BE40021-BS2    | LCS               | 05/01/24         |
| BE40021-LBK1   | Leach Fluid Blank | 05/01/24         |

**Batch ID:** BE40022      **Preparation Method:** EPA 3510C/1311      **Prepared By:** moa

| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 24D1795-01     | WC-1              | 05/01/24         |
| 24D1795-03     | WC-2              | 05/01/24         |
| 24D1795-05     | WC-3              | 05/01/24         |
| 24D1795-07     | WC-4              | 05/01/24         |
| 24D1795-09     | WC-5              | 05/01/24         |
| 24D1795-11     | WC-6              | 05/01/24         |
| 24D1795-13     | WC-7              | 05/01/24         |
| 24D1795-15     | WC-8              | 05/01/24         |
| 24D1795-17     | WC-9              | 05/01/24         |
| BE40022-BLK1   | Blank             | 05/01/24         |
| BE40022-BS1    | LCS               | 05/01/24         |
| BE40022-BSD1   | LCS Dup           | 05/01/24         |
| BE40022-LBK1   | Leach Fluid Blank | 05/01/24         |
| BE40022-MS1    | Matrix Spike      | 05/01/24         |

**Batch ID:** BE40025      **Preparation Method:** EPA 3535A/1312      **Prepared By:** moa

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 05/01/24         |
| 24D1795-03     | WC-2             | 05/01/24         |
| 24D1795-05     | WC-3             | 05/01/24         |
| 24D1795-07     | WC-4             | 05/01/24         |
| 24D1795-09     | WC-5             | 05/01/24         |
| 24D1795-11     | WC-6             | 05/01/24         |
| 24D1795-13     | WC-7             | 05/01/24         |



|              |                   |          |
|--------------|-------------------|----------|
| 24D1795-15   | WC-8              | 05/01/24 |
| 24D1795-17   | WC-9              | 05/01/24 |
| BE40025-BLK1 | Blank             | 05/01/24 |
| BE40025-BS1  | LCS               | 05/01/24 |
| BE40025-BSD1 | LCS Dup           | 05/01/24 |
| BE40025-LBK1 | Leach Fluid Blank | 05/01/24 |
| BE40025-MS1  | Matrix Spike      | 05/01/24 |

**Batch ID:** BE40043      **Preparation Method:** EPA 7473 soil      **Prepared By:** DRS

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 05/01/24         |
| 24D1795-03     | WC-2             | 05/01/24         |
| 24D1795-05     | WC-3             | 05/01/24         |
| 24D1795-07     | WC-4             | 05/01/24         |
| 24D1795-09     | WC-5             | 05/01/24         |
| 24D1795-11     | WC-6             | 05/01/24         |
| 24D1795-13     | WC-7             | 05/01/24         |
| 24D1795-15     | WC-8             | 05/01/24         |
| 24D1795-17     | WC-9             | 05/01/24         |
| 24D1795-19     | WC-10            | 05/01/24         |
| 24D1795-21     | WC-11            | 05/01/24         |
| 24D1795-23     | WC-12            | 05/01/24         |
| 24D1795-25     | WC-13            | 05/01/24         |
| 24D1795-27     | WC-14            | 05/01/24         |
| 24D1795-29     | WC-15            | 05/01/24         |
| BE40043-BLK1   | Blank            | 05/01/24         |
| BE40043-DUP1   | Duplicate        | 05/01/24         |
| BE40043-MS1    | Matrix Spike     | 05/01/24         |
| BE40043-SRM1   | Reference        | 05/01/24         |

**Batch ID:** BE40059      **Preparation Method:** EPA SW846-3060      **Prepared By:** JAMT

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 05/01/24         |
| 24D1795-03     | WC-2             | 05/01/24         |
| 24D1795-05     | WC-3             | 05/01/24         |
| 24D1795-07     | WC-4             | 05/01/24         |
| 24D1795-09     | WC-5             | 05/01/24         |
| 24D1795-11     | WC-6             | 05/01/24         |
| 24D1795-13     | WC-7             | 05/01/24         |
| 24D1795-15     | WC-8             | 05/01/24         |
| 24D1795-17     | WC-9             | 05/01/24         |
| 24D1795-19     | WC-10            | 05/01/24         |
| 24D1795-21     | WC-11            | 05/01/24         |
| 24D1795-23     | WC-12            | 05/01/24         |
| BE40059-BLK1   | Blank            | 05/01/24         |
| BE40059-DUP1   | Duplicate        | 05/01/24         |
| BE40059-MS1    | Matrix Spike     | 05/01/24         |
| BE40059-MSD1   | Matrix Spike Dup | 05/01/24         |
| BE40059-SRM1   | Reference        | 05/01/24         |



**Batch ID:** BE40066

**Preparation Method:** EPA 3050B

**Prepared By:** DBT

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-29     | WC-15            | 05/01/24         |
| 24D1795-31     | WC-16            | 05/01/24         |
| BE40066-BLK1   | Blank            | 05/01/24         |
| BE40066-DUP1   | Duplicate        | 05/01/24         |
| BE40066-MS1    | Matrix Spike     | 05/01/24         |
| BE40066-PS1    | Post Spike       | 05/01/24         |
| BE40066-SRM1   | Reference        | 05/01/24         |

**Batch ID:** BE40068

**Preparation Method:** EPA SW846-3060

**Prepared By:** SMK

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-25     | WC-13            | 05/01/24         |
| 24D1795-27     | WC-14            | 05/01/24         |
| 24D1795-29     | WC-15            | 05/01/24         |
| 24D1795-31     | WC-16            | 05/01/24         |
| BE40068-BLK1   | Blank            | 05/01/24         |
| BE40068-DUP1   | Duplicate        | 05/01/24         |
| BE40068-MS1    | Matrix Spike     | 05/01/24         |
| BE40068-MSD1   | Matrix Spike Dup | 05/01/24         |
| BE40068-SRM1   | Reference        | 05/01/24         |

**Batch ID:** BE40082

**Preparation Method:** EPA SW 846-1311 TCLP ZHE for VO

**Prepared By:** TAJ

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-19     | WC-10            | 05/01/24         |
| 24D1795-21     | WC-11            | 05/01/24         |
| 24D1795-23     | WC-12            | 05/01/24         |
| 24D1795-25     | WC-13            | 05/01/24         |
| 24D1795-27     | WC-14            | 05/01/24         |
| 24D1795-29     | WC-15            | 05/01/24         |
| 24D1795-31     | WC-16            | 05/01/24         |
| BE40082-BLK1   | Blank            | 05/01/24         |

**Batch ID:** BE40084

**Preparation Method:** EPA SW 846-1312 SPLP for Extr. for

**Prepared By:** TAJ

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-03     | WC-2             | 05/01/24         |
| 24D1795-05     | WC-3             | 05/01/24         |
| 24D1795-07     | WC-4             | 05/01/24         |
| 24D1795-09     | WC-5             | 05/01/24         |
| 24D1795-11     | WC-6             | 05/01/24         |
| 24D1795-13     | WC-7             | 05/01/24         |
| 24D1795-17     | WC-9             | 05/01/24         |



**Batch ID:** BE40110

**Preparation Method:** EPA 3015A/1311

**Prepared By:** DBT

| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 24D1795-19     | WC-10             | 05/02/24         |
| 24D1795-21     | WC-11             | 05/02/24         |
| 24D1795-23     | WC-12             | 05/02/24         |
| 24D1795-25     | WC-13             | 05/02/24         |
| 24D1795-27     | WC-14             | 05/02/24         |
| 24D1795-29     | WC-15             | 05/02/24         |
| 24D1795-31     | WC-16             | 05/02/24         |
| BE40110-BLK1   | Blank             | 05/02/24         |
| BE40110-BS1    | LCS               | 05/02/24         |
| BE40110-LBK1   | Leach Fluid Blank | 05/02/24         |

**Batch ID:** BE40112

**Preparation Method:** EPA 3510C/1311

**Prepared By:** JM

| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 24D1795-19     | WC-10             | 05/02/24         |
| 24D1795-21     | WC-11             | 05/02/24         |
| 24D1795-23     | WC-12             | 05/02/24         |
| 24D1795-25     | WC-13             | 05/02/24         |
| 24D1795-27     | WC-14             | 05/02/24         |
| 24D1795-29     | WC-15             | 05/02/24         |
| 24D1795-31     | WC-16             | 05/02/24         |
| BE40112-BLK1   | Blank             | 05/02/24         |
| BE40112-BS1    | LCS               | 05/02/24         |
| BE40112-BSD1   | LCS Dup           | 05/02/24         |
| BE40112-LBK1   | Leach Fluid Blank | 05/02/24         |

**Batch ID:** BE40113

**Preparation Method:** EPA 3535A/1312

**Prepared By:** YL

| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 24D1795-19     | WC-10             | 05/02/24         |
| 24D1795-21     | WC-11             | 05/02/24         |
| 24D1795-23     | WC-12             | 05/02/24         |
| 24D1795-25     | WC-13             | 05/02/24         |
| 24D1795-27     | WC-14             | 05/02/24         |
| 24D1795-29     | WC-15             | 05/02/24         |
| 24D1795-31     | WC-16             | 05/02/24         |
| BE40113-BLK1   | Blank             | 05/02/24         |
| BE40113-BS1    | LCS               | 05/02/24         |
| BE40113-BSD1   | LCS Dup           | 05/02/24         |
| BE40113-LBK1   | Leach Fluid Blank | 05/02/24         |

**Batch ID:** BE40135

**Preparation Method:** EPA 3535A/1311

**Prepared By:** THD

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-19     | WC-10            | 05/02/24         |
| 24D1795-21     | WC-11            | 05/02/24         |
| 24D1795-23     | WC-12            | 05/02/24         |



|              |       |          |
|--------------|-------|----------|
| 24D1795-25   | WC-13 | 05/02/24 |
| 24D1795-27   | WC-14 | 05/02/24 |
| 24D1795-29   | WC-15 | 05/02/24 |
| 24D1795-31   | WC-16 | 05/02/24 |
| BE40135-BLK1 | Blank | 05/02/24 |
| BE40135-BS1  | LCS   | 05/02/24 |

**Batch ID:** BE40143      **Preparation Method:** EPA 5030B/1311      **Prepared By:** FTR

| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 24D1795-19     | WC-10             | 05/02/24         |
| 24D1795-21     | WC-11             | 05/02/24         |
| 24D1795-23     | WC-12             | 05/02/24         |
| 24D1795-25     | WC-13             | 05/02/24         |
| 24D1795-27     | WC-14             | 05/02/24         |
| 24D1795-29     | WC-15             | 05/02/24         |
| 24D1795-31     | WC-16             | 05/02/24         |
| BE40143-BLK1   | Blank             | 05/02/24         |
| BE40143-BS1    | LCS               | 05/02/24         |
| BE40143-BSD1   | LCS Dup           | 05/02/24         |
| BE40143-LBK1   | Leach Fluid Blank | 05/02/24         |

**Batch ID:** BE40156      **Preparation Method:** EPA 300/1312      **Prepared By:** VR

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 24D1795-01     | WC-1             | 05/01/24         |
| 24D1795-03     | WC-2             | 05/02/24         |
| 24D1795-05     | WC-3             | 05/02/24         |
| 24D1795-07     | WC-4             | 05/02/24         |
| 24D1795-09     | WC-5             | 05/02/24         |
| 24D1795-11     | WC-6             | 05/02/24         |
| 24D1795-13     | WC-7             | 05/02/24         |
| 24D1795-15     | WC-8             | 05/02/24         |
| 24D1795-17     | WC-9             | 05/02/24         |
| 24D1795-19     | WC-10            | 05/01/24         |
| 24D1795-21     | WC-11            | 05/01/24         |
| 24D1795-23     | WC-12            | 05/01/24         |
| 24D1795-25     | WC-13            | 05/01/24         |
| 24D1795-27     | WC-14            | 05/01/24         |
| 24D1795-29     | WC-15            | 05/01/24         |
| 24D1795-31     | WC-16            | 05/01/24         |
| BE40156-BLK1   | Blank            | 05/01/24         |
| BE40156-BS1    | LCS              | 05/01/24         |
| BE40156-DUP1   | Duplicate        | 05/01/24         |
| BE40156-DUP2   | Duplicate        | 05/02/24         |





**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 BD42092 - EPA 5030B/1311**

**Blank (BD42092-BLK1)**

Prepared & Analyzed: 04/28/2024

|   |      |     |      |      |  |     |          |  |  |  |  |
|---|------|-----|------|------|--|-----|----------|--|--|--|--|
| 1,1-Dichloroethylene                          | ND   | 5.0 | ug/L |      |  |     |          |  |  |  |  |
| 1,2-Dichloroethane                            | ND   | 5.0 | "    |      |  |     |          |  |  |  |  |
| 1,4-Dichlorobenzene                           | ND   | 5.0 | "    |      |  |     |          |  |  |  |  |
| 2-Butanone                                    | ND   | 5.0 | "    |      |  |     |          |  |  |  |  |
| Benzene                                       | ND   | 5.0 | "    |      |  |     |          |  |  |  |  |
| Carbon tetrachloride                          | ND   | 5.0 | "    |      |  |     |          |  |  |  |  |
| Chlorobenzene                                 | ND   | 5.0 | "    |      |  |     |          |  |  |  |  |
| Chloroform                                    | ND   | 5.0 | "    |      |  |     |          |  |  |  |  |
| Tetrachloroethylene                           | ND   | 5.0 | "    |      |  |     |          |  |  |  |  |
| Trichloroethylene                             | ND   | 5.0 | "    |      |  |     |          |  |  |  |  |
| Vinyl Chloride                                | ND   | 5.0 | "    |      |  |     |          |  |  |  |  |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i> | 52.9 |     | "    | 50.0 |  | 106 | 77-125   |  |  |  |  |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>  | 52.4 |     | "    | 50.0 |  | 105 | 84.2-124 |  |  |  |  |
| <i>Surrogate: SURR: Toluene-d8</i>            | 51.0 |     | "    | 50.0 |  | 102 | 85-120   |  |  |  |  |

**LCS (BD42092-BS1)**

Prepared & Analyzed: 04/28/2024

|   |      |  |      |      |  |      |          |          |  |  |  |
|---|------|--|------|------|--|------|----------|----------|--|--|--|
| 1,1-Dichloroethylene                          | 46   |  | ug/L | 50.0 |  | 91.4 | 68-134   |          |  |  |  |
| 1,2-Dichloroethane                            | 45   |  | "    | 50.0 |  | 90.0 | 69-133   |          |  |  |  |
| 1,4-Dichlorobenzene                           | 44   |  | "    | 50.0 |  | 88.5 | 82-124   |          |  |  |  |
| 2-Butanone                                    | 41   |  | "    | 50.0 |  | 82.7 | 44-169   |          |  |  |  |
| Benzene                                       | 44   |  | "    | 50.0 |  | 87.9 | 72-134   |          |  |  |  |
| Carbon tetrachloride                          | 47   |  | "    | 50.0 |  | 94.1 | 62-145   |          |  |  |  |
| Chlorobenzene                                 | 47   |  | "    | 50.0 |  | 93.7 | 85-119   |          |  |  |  |
| Chloroform                                    | 44   |  | "    | 50.0 |  | 87.8 | 74-131   |          |  |  |  |
| Tetrachloroethylene                           | 35   |  | "    | 50.0 |  | 69.0 | 78-133   | Low Bias |  |  |  |
| Trichloroethylene                             | 44   |  | "    | 50.0 |  | 87.9 | 81-125   |          |  |  |  |
| Vinyl Chloride                                | 36   |  | "    | 50.0 |  | 71.9 | 42-136   |          |  |  |  |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i> | 51.5 |  | "    | 50.0 |  | 103  | 77-125   |          |  |  |  |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>  | 50.3 |  | "    | 50.0 |  | 101  | 84.2-124 |          |  |  |  |
| <i>Surrogate: SURR: Toluene-d8</i>            | 50.9 |  | "    | 50.0 |  | 102  | 85-120   |          |  |  |  |



**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 BD42092 - EPA 5030B/1311**

**LCS Dup (BD42092-BSD1)**

Prepared & Analyzed: 04/28/2024

|   |             |  |          |             |  |            |                 |          |       |    |  |
|---|-------------|--|----------|-------------|--|------------|-----------------|----------|-------|----|--|
| 1,1-Dichloroethylene                          | 44          |  | ug/L     | 50.0        |  | 88.4       | 68-134          |          | 3.27  | 30 |  |
| 1,2-Dichloroethane                            | 45          |  | "        | 50.0        |  | 90.6       | 69-133          |          | 0.620 | 30 |  |
| 1,4-Dichlorobenzene                           | 50          |  | "        | 50.0        |  | 100        | 82-124          |          | 12.2  | 30 |  |
| 2-Butanone                                    | 41          |  | "        | 50.0        |  | 82.6       | 44-169          |          | 0.169 | 30 |  |
| Benzene                                       | 43          |  | "        | 50.0        |  | 87.0       | 72-134          |          | 1.01  | 30 |  |
| Carbon tetrachloride                          | 46          |  | "        | 50.0        |  | 92.8       | 62-145          |          | 1.31  | 30 |  |
| Chlorobenzene                                 | 50          |  | "        | 50.0        |  | 99.6       | 85-119          |          | 6.06  | 30 |  |
| Chloroform                                    | 44          |  | "        | 50.0        |  | 88.5       | 74-131          |          | 0.794 | 30 |  |
| Tetrachloroethylene                           | 35          |  | "        | 50.0        |  | 70.1       | 78-133          | Low Bias | 1.55  | 30 |  |
| Trichloroethylene                             | 45          |  | "        | 50.0        |  | 89.1       | 81-125          |          | 1.29  | 30 |  |
| Vinyl Chloride                                | 34          |  | "        | 50.0        |  | 68.7       | 42-136          |          | 4.58  | 30 |  |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i> | <i>50.5</i> |  | <i>"</i> | <i>50.0</i> |  | <i>101</i> | <i>77-125</i>   |          |       |    |  |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>  | <i>50.3</i> |  | <i>"</i> | <i>50.0</i> |  | <i>101</i> | <i>84.2-124</i> |          |       |    |  |
| <i>Surrogate: SURR: Toluene-d8</i>            | <i>51.1</i> |  | <i>"</i> | <i>50.0</i> |  | <i>102</i> | <i>85-120</i>   |          |       |    |  |

**Leach Fluid Blank (BD42092-LBK1)**

Prepared & Analyzed: 04/28/2024

|   |             |    |          |             |  |            |                 |  |  |  |  |
|---|-------------|----|----------|-------------|--|------------|-----------------|--|--|--|--|
| 1,1-Dichloroethylene                          | ND          | 50 | ug/L     |             |  |            |                 |  |  |  |  |
| 1,2-Dichloroethane                            | ND          | 50 | "        |             |  |            |                 |  |  |  |  |
| 1,4-Dichlorobenzene                           | ND          | 50 | "        |             |  |            |                 |  |  |  |  |
| 2-Butanone                                    | ND          | 50 | "        |             |  |            |                 |  |  |  |  |
| Benzene                                       | ND          | 50 | "        |             |  |            |                 |  |  |  |  |
| Carbon tetrachloride                          | ND          | 50 | "        |             |  |            |                 |  |  |  |  |
| Chlorobenzene                                 | ND          | 50 | "        |             |  |            |                 |  |  |  |  |
| Chloroform                                    | ND          | 50 | "        |             |  |            |                 |  |  |  |  |
| Tetrachloroethylene                           | ND          | 50 | "        |             |  |            |                 |  |  |  |  |
| Trichloroethylene                             | ND          | 50 | "        |             |  |            |                 |  |  |  |  |
| Vinyl Chloride                                | ND          | 50 | "        |             |  |            |                 |  |  |  |  |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i> | <i>50.9</i> |    | <i>"</i> | <i>50.0</i> |  | <i>102</i> | <i>77-125</i>   |  |  |  |  |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>  | <i>53.2</i> |    | <i>"</i> | <i>50.0</i> |  | <i>106</i> | <i>84.2-124</i> |  |  |  |  |
| <i>Surrogate: SURR: Toluene-d8</i>            | <i>51.2</i> |    | <i>"</i> | <i>50.0</i> |  | <i>102</i> | <i>85-120</i>   |  |  |  |  |



**Volatile Organic Compounds by GC/MS - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

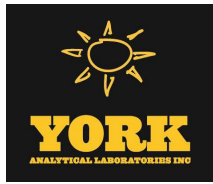
| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|----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

**Batch BD42092 - EPA 5030B/1311**

| <b>Matrix Spike (BD42092-MS1)</b>             | *Source sample: 24D1795-01 (WC-1) |  |          |             | Prepared & Analyzed: 04/28/2024 |             |                 |  |  |  |  |
|---|-----------------------------------|--|----------|-------------|---------------------------------|-------------|-----------------|--|--|--|--|
| 1,1-Dichloroethylene                          | 47                                |  | ug/L     | 50.0        | 0.0                             | 94.3        | 47-150          |  |  |  |  |
| 1,2-Dichloroethane                            | 45                                |  | "        | 50.0        | 0.0                             | 90.3        | 57-139          |  |  |  |  |
| 1,4-Dichlorobenzene                           | 46                                |  | "        | 50.0        | 0.0                             | 91.8        | 69-125          |  |  |  |  |
| 2-Butanone                                    | 35                                |  | "        | 50.0        | 0.0                             | 69.1        | 42-153          |  |  |  |  |
| Benzene                                       | 46                                |  | "        | 50.0        | 0.0                             | 92.1        | 55-139          |  |  |  |  |
| Carbon tetrachloride                          | 50                                |  | "        | 50.0        | 0.0                             | 99.1        | 51-147          |  |  |  |  |
| Chlorobenzene                                 | 49                                |  | "        | 50.0        | 0.0                             | 98.5        | 75-120          |  |  |  |  |
| Chloroform                                    | 47                                |  | "        | 50.0        | 0.0                             | 93.4        | 60-137          |  |  |  |  |
| Tetrachloroethylene                           | 37                                |  | "        | 50.0        | 0.0                             | 74.9        | 51-140          |  |  |  |  |
| Trichloroethylene                             | 47                                |  | "        | 50.0        | 0.0                             | 94.6        | 61-133          |  |  |  |  |
| Vinyl Chloride                                | 37                                |  | "        | 50.0        | 0.0                             | 74.4        | 25-140          |  |  |  |  |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i> | <i>50.0</i>                       |  | <i>"</i> | <i>50.0</i> |                                 | <i>99.9</i> | <i>77-125</i>   |  |  |  |  |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>  | <i>50.6</i>                       |  | <i>"</i> | <i>50.0</i> |                                 | <i>101</i>  | <i>84.2-124</i> |  |  |  |  |
| <i>Surrogate: SURR: Toluene-d8</i>            | <i>52.2</i>                       |  | <i>"</i> | <i>50.0</i> |                                 | <i>104</i>  | <i>85-120</i>   |  |  |  |  |

**Batch BD42111 - EPA 5035A**

| <b>Blank (BD42111-BLK1)</b>                       | Prepared & Analyzed: 04/29/2024 |     |           |  |  |  |  |  |  |  |  |
|---|---------------------------------|-----|-----------|--|--|--|--|--|--|--|--|
| 1,1,1,2-Tetrachloroethane                         | ND                              | 5.0 | ug/kg wet |  |  |  |  |  |  |  |  |
| 1,1,1-Trichloroethane                             | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,1,2,2-Tetrachloroethane                         | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,1,2-Trichloroethane                             | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,1-Dichloroethane                                | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,1-Dichloroethylene                              | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2,3-Trichlorobenzene                            | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2,3-Trichloropropane                            | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2,4-Trichlorobenzene                            | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2,4-Trimethylbenzene                            | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2-Dibromo-3-chloropropane                       | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2-Dibromoethane                                 | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2-Dichlorobenzene                               | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2-Dichloroethane                                | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2-Dichloropropane                               | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,3,5-Trimethylbenzene                            | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,3-Dichlorobenzene                               | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,4-Dichlorobenzene                               | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,4-Dioxane                                       | ND                              | 100 | "         |  |  |  |  |  |  |  |  |
| 2-Butanone  | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 2-Hexanone  | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| 4-Methyl-2-pentanone                              | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| Acetone   | ND                              | 10  | "         |  |  |  |  |  |  |  |  |
| Acrolein  | ND                              | 10  | "         |  |  |  |  |  |  |  |  |
| Acrylonitrile                                     | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| Benzene   | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| Bromochloromethane                                | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| Bromodichloromethane                              | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| Bromoform   | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| Bromomethane                                      | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| Carbon disulfide                                  | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |
| Carbon tetrachloride                              | ND                              | 5.0 | "         |  |  |  |  |  |  |  |  |



**Volatile Organic Compounds by GC/MS - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

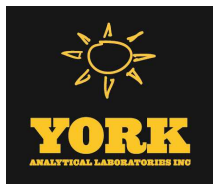
| Analyte | Result | Reporting | Units | Spike | Source* | %REC | %REC | Limits | Flag | RPD   | RPD | Limit | Flag |
|---------|--------|-----------|-------|-------|---------|------|------|--------|------|-------|-----|-------|------|
|         |        | Limit     |       |       |         |      |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

**Batch BD42111 - EPA 5035A**

**Blank (BD42111-BLK1)**

Prepared & Analyzed: 04/29/2024

|   |             |     |             |             |  |             |  |               |  |  |  |  |  |
|---|-------------|-----|-------------|-------------|--|-------------|--|---------------|--|--|--|--|--|
| Chlorobenzene                                 | ND          | 5.0 | ug/kg wet   |             |  |             |  |               |  |  |  |  |  |
| Chloroethane                                  | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Chloroform                                    | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Chloromethane                                 | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| cis-1,2-Dichloroethylene                      | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| cis-1,3-Dichloropropylene                     | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Cyclohexane                                   | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Dibromochloromethane                          | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Dibromomethane                                | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Dichlorodifluoromethane                       | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Ethyl Benzene                                 | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Hexachlorobutadiene                           | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Isopropylbenzene                              | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Methyl acetate                                | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Methyl tert-butyl ether (MTBE)                | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Methylcyclohexane                             | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Methylene chloride                            | ND          | 10  | "           |             |  |             |  |               |  |  |  |  |  |
| n-Butylbenzene                                | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| n-Propylbenzene                               | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| o-Xylene                                      | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| p- & m- Xylenes                               | ND          | 10  | "           |             |  |             |  |               |  |  |  |  |  |
| p-Isopropyltoluene                            | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| sec-Butylbenzene                              | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Styrene                                       | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| tert-Butyl alcohol (TBA)                      | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| tert-Butylbenzene                             | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Tetrachloroethylene                           | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Toluene                                       | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| trans-1,2-Dichloroethylene                    | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| trans-1,3-Dichloropropylene                   | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| trans-1,4-dichloro-2-butene                   | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Trichloroethylene                             | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Trichlorofluoromethane                        | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Vinyl Chloride                                | ND          | 5.0 | "           |             |  |             |  |               |  |  |  |  |  |
| Xylenes, Total                                | ND          | 15  | "           |             |  |             |  |               |  |  |  |  |  |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i> | <i>48.3</i> |     | <i>ug/L</i> | <i>50.0</i> |  | <i>96.7</i> |  | <i>77-125</i> |  |  |  |  |  |
| <i>Surrogate: SURR: Toluene-d8</i>            | <i>47.5</i> |     | <i>"</i>    | <i>50.0</i> |  | <i>95.1</i> |  | <i>85-120</i> |  |  |  |  |  |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>  | <i>49.4</i> |     | <i>"</i>    | <i>50.0</i> |  | <i>98.8</i> |  | <i>76-130</i> |  |  |  |  |  |



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 BD42111 - EPA 5035A

LCS (BD42111-BS1)

Prepared & Analyzed: 04/29/2024

|   |     |  |      |      |  |      |        |  |  |  |  |
|---|-----|--|------|------|--|------|--------|--|--|--|--|
| 1,1,1,2-Tetrachloroethane                         | 45  |  | ug/L | 50.0 |  | 90.2 | 75-129 |  |  |  |  |
| 1,1,1-Trichloroethane                             | 46  |  | "    | 50.0 |  | 92.9 | 71-137 |  |  |  |  |
| 1,1,2,2-Tetrachloroethane                         | 47  |  | "    | 50.0 |  | 93.7 | 79-129 |  |  |  |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 52  |  | "    | 50.0 |  | 103  | 58-146 |  |  |  |  |
| 1,1,2-Trichloroethane                             | 42  |  | "    | 50.0 |  | 84.9 | 83-123 |  |  |  |  |
| 1,1-Dichloroethane                                | 44  |  | "    | 50.0 |  | 88.9 | 75-130 |  |  |  |  |
| 1,1-Dichloroethylene                              | 48  |  | "    | 50.0 |  | 95.7 | 64-137 |  |  |  |  |
| 1,2,3-Trichlorobenzene                            | 47  |  | "    | 50.0 |  | 93.2 | 81-140 |  |  |  |  |
| 1,2,3-Trichloropropane                            | 45  |  | "    | 50.0 |  | 90.9 | 81-126 |  |  |  |  |
| 1,2,4-Trichlorobenzene                            | 47  |  | "    | 50.0 |  | 94.2 | 80-141 |  |  |  |  |
| 1,2,4-Trimethylbenzene                            | 44  |  | "    | 50.0 |  | 88.9 | 84-125 |  |  |  |  |
| 1,2-Dibromo-3-chloropropane                       | 40  |  | "    | 50.0 |  | 79.0 | 74-142 |  |  |  |  |
| 1,2-Dibromoethane                                 | 45  |  | "    | 50.0 |  | 90.9 | 86-123 |  |  |  |  |
| 1,2-Dichlorobenzene                               | 44  |  | "    | 50.0 |  | 88.9 | 85-122 |  |  |  |  |
| 1,2-Dichloroethane                                | 43  |  | "    | 50.0 |  | 86.9 | 71-133 |  |  |  |  |
| 1,2-Dichloropropane                               | 43  |  | "    | 50.0 |  | 86.0 | 81-122 |  |  |  |  |
| 1,3,5-Trimethylbenzene                            | 43  |  | "    | 50.0 |  | 86.8 | 82-126 |  |  |  |  |
| 1,3-Dichlorobenzene                               | 45  |  | "    | 50.0 |  | 89.8 | 84-124 |  |  |  |  |
| 1,4-Dichlorobenzene                               | 45  |  | "    | 50.0 |  | 90.1 | 84-124 |  |  |  |  |
| 1,4-Dioxane                                       | 900 |  | "    | 1050 |  | 85.3 | 10-228 |  |  |  |  |
| 2-Butanone  | 40  |  | "    | 50.0 |  | 80.2 | 58-147 |  |  |  |  |
| 2-Hexanone  | 42  |  | "    | 50.0 |  | 84.3 | 70-139 |  |  |  |  |
| 4-Methyl-2-pentanone                              | 45  |  | "    | 50.0 |  | 90.8 | 72-132 |  |  |  |  |
| Acetone   | 30  |  | "    | 50.0 |  | 59.3 | 36-155 |  |  |  |  |
| Acrolein  | 52  |  | "    | 50.0 |  | 104  | 10-238 |  |  |  |  |
| Acrylonitrile                                     | 44  |  | "    | 50.0 |  | 88.9 | 66-141 |  |  |  |  |
| Benzene   | 47  |  | "    | 50.0 |  | 93.2 | 77-127 |  |  |  |  |
| Bromochloromethane                                | 44  |  | "    | 50.0 |  | 88.3 | 74-129 |  |  |  |  |
| Bromodichloromethane                              | 42  |  | "    | 50.0 |  | 84.9 | 81-124 |  |  |  |  |
| Bromoform   | 47  |  | "    | 50.0 |  | 93.2 | 80-136 |  |  |  |  |
| Bromomethane                                      | 40  |  | "    | 50.0 |  | 79.8 | 32-177 |  |  |  |  |
| Carbon disulfide                                  | 52  |  | "    | 50.0 |  | 104  | 10-136 |  |  |  |  |
| Carbon tetrachloride                              | 49  |  | "    | 50.0 |  | 97.8 | 66-143 |  |  |  |  |
| Chlorobenzene                                     | 47  |  | "    | 50.0 |  | 93.7 | 86-120 |  |  |  |  |
| Chloroethane                                      | 45  |  | "    | 50.0 |  | 89.2 | 51-142 |  |  |  |  |
| Chloroform  | 46  |  | "    | 50.0 |  | 92.2 | 76-131 |  |  |  |  |
| Chloromethane                                     | 45  |  | "    | 50.0 |  | 90.3 | 49-132 |  |  |  |  |
| cis-1,2-Dichloroethylene                          | 44  |  | "    | 50.0 |  | 87.0 | 74-132 |  |  |  |  |
| cis-1,3-Dichloropropylene                         | 42  |  | "    | 50.0 |  | 84.3 | 81-129 |  |  |  |  |
| Cyclohexane                                       | 45  |  | "    | 50.0 |  | 89.3 | 70-130 |  |  |  |  |
| Dibromochloromethane                              | 45  |  | "    | 50.0 |  | 90.6 | 10-200 |  |  |  |  |
| Dibromomethane                                    | 42  |  | "    | 50.0 |  | 84.4 | 83-124 |  |  |  |  |
| Dichlorodifluoromethane                           | 48  |  | "    | 50.0 |  | 95.1 | 28-158 |  |  |  |  |
| Ethyl Benzene                                     | 44  |  | "    | 50.0 |  | 88.2 | 84-125 |  |  |  |  |
| Hexachlorobutadiene                               | 49  |  | "    | 50.0 |  | 97.5 | 83-133 |  |  |  |  |
| Isopropylbenzene                                  | 47  |  | "    | 50.0 |  | 94.5 | 81-127 |  |  |  |  |
| Methyl acetate                                    | 44  |  | "    | 50.0 |  | 88.1 | 41-143 |  |  |  |  |
| Methyl tert-butyl ether (MTBE)                    | 47  |  | "    | 50.0 |  | 93.1 | 74-131 |  |  |  |  |
| Methylcyclohexane                                 | 44  |  | "    | 50.0 |  | 87.2 | 70-130 |  |  |  |  |
| Methylene chloride                                | 42  |  | "    | 50.0 |  | 84.6 | 57-141 |  |  |  |  |



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 BD42111 - EPA 5035A

LCS (BD42111-BS1)

Prepared & Analyzed: 04/29/2024

|   |      |  |      |      |  |      |        |          |  |  |  |
|---|------|--|------|------|--|------|--------|----------|--|--|--|
| n-Butylbenzene                          | 43   |  | ug/L | 50.0 |  | 86.4 | 80-130 |          |  |  |  |
| n-Propylbenzene                         | 46   |  | "    | 50.0 |  | 92.0 | 74-136 |          |  |  |  |
| o-Xylene                                | 44   |  | "    | 50.0 |  | 87.0 | 83-123 |          |  |  |  |
| p- & m- Xylenes                         | 76   |  | "    | 100  |  | 75.6 | 82-128 | Low Bias |  |  |  |
| p-Isopropyltoluene                      | 45   |  | "    | 50.0 |  | 90.9 | 85-125 |          |  |  |  |
| sec-Butylbenzene                        | 46   |  | "    | 50.0 |  | 91.3 | 83-125 |          |  |  |  |
| Styrene                                 | 44   |  | "    | 50.0 |  | 87.1 | 86-126 |          |  |  |  |
| tert-Butyl alcohol (TBA)                | 220  |  | "    | 250  |  | 89.1 | 70-130 |          |  |  |  |
| tert-Butylbenzene                       | 46   |  | "    | 50.0 |  | 92.5 | 80-127 |          |  |  |  |
| Tetrachloroethylene                     | 33   |  | "    | 50.0 |  | 65.4 | 80-129 | Low Bias |  |  |  |
| Toluene                                 | 44   |  | "    | 50.0 |  | 87.4 | 85-121 |          |  |  |  |
| trans-1,2-Dichloroethylene              | 46   |  | "    | 50.0 |  | 91.0 | 72-132 |          |  |  |  |
| trans-1,3-Dichloropropylene             | 41   |  | "    | 50.0 |  | 82.5 | 78-132 |          |  |  |  |
| trans-1,4-dichloro-2-butene             | 45   |  | "    | 50.0 |  | 90.0 | 75-135 |          |  |  |  |
| Trichloroethylene                       | 44   |  | "    | 50.0 |  | 87.6 | 84-123 |          |  |  |  |
| Trichlorofluoromethane                  | 47   |  | "    | 50.0 |  | 93.0 | 62-140 |          |  |  |  |
| Vinyl Chloride                          | 45   |  | "    | 50.0 |  | 90.9 | 52-130 |          |  |  |  |
| Surrogate: SURRE: 1,2-Dichloroethane-d4 | 47.9 |  | "    | 50.0 |  | 95.7 | 77-125 |          |  |  |  |
| Surrogate: SURRE: Toluene-d8            | 48.2 |  | "    | 50.0 |  | 96.5 | 85-120 |          |  |  |  |
| Surrogate: SURRE: p-Bromofluorobenzene  | 49.4 |  | "    | 50.0 |  | 98.7 | 76-130 |          |  |  |  |

LCS Dup (BD42111-BSD1)

Prepared & Analyzed: 04/29/2024

|   |     |  |      |      |  |      |        |  |        |    |  |
|---|-----|--|------|------|--|------|--------|--|--------|----|--|
| 1,1,1,2-Tetrachloroethane                         | 44  |  | ug/L | 50.0 |  | 87.9 | 75-129 |  | 2.67   | 30 |  |
| 1,1,1-Trichloroethane                             | 47  |  | "    | 50.0 |  | 93.8 | 71-137 |  | 0.943  | 30 |  |
| 1,1,2,2-Tetrachloroethane                         | 46  |  | "    | 50.0 |  | 92.4 | 79-129 |  | 1.46   | 30 |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 52  |  | "    | 50.0 |  | 105  | 58-146 |  | 1.79   | 30 |  |
| 1,1,2-Trichloroethane                             | 42  |  | "    | 50.0 |  | 84.6 | 83-123 |  | 0.354  | 30 |  |
| 1,1-Dichloroethane                                | 45  |  | "    | 50.0 |  | 90.0 | 75-130 |  | 1.25   | 30 |  |
| 1,1-Dichloroethylene                              | 48  |  | "    | 50.0 |  | 95.7 | 64-137 |  | 0.0627 | 30 |  |
| 1,2,3-Trichlorobenzene                            | 45  |  | "    | 50.0 |  | 90.0 | 81-140 |  | 3.49   | 30 |  |
| 1,2,3-Trichloropropane                            | 44  |  | "    | 50.0 |  | 87.5 | 81-126 |  | 3.88   | 30 |  |
| 1,2,4-Trichlorobenzene                            | 47  |  | "    | 50.0 |  | 93.0 | 80-141 |  | 1.26   | 30 |  |
| 1,2,4-Trimethylbenzene                            | 44  |  | "    | 50.0 |  | 87.6 | 84-125 |  | 1.45   | 30 |  |
| 1,2-Dibromo-3-chloropropane                       | 40  |  | "    | 50.0 |  | 79.9 | 74-142 |  | 1.06   | 30 |  |
| 1,2-Dibromoethane                                 | 45  |  | "    | 50.0 |  | 89.9 | 86-123 |  | 1.06   | 30 |  |
| 1,2-Dichlorobenzene                               | 44  |  | "    | 50.0 |  | 87.6 | 85-122 |  | 1.38   | 30 |  |
| 1,2-Dichloroethane                                | 44  |  | "    | 50.0 |  | 88.4 | 71-133 |  | 1.78   | 30 |  |
| 1,2-Dichloropropane                               | 43  |  | "    | 50.0 |  | 85.5 | 81-122 |  | 0.630  | 30 |  |
| 1,3,5-Trimethylbenzene                            | 43  |  | "    | 50.0 |  | 85.5 | 82-126 |  | 1.56   | 30 |  |
| 1,3-Dichlorobenzene                               | 44  |  | "    | 50.0 |  | 88.4 | 84-124 |  | 1.55   | 30 |  |
| 1,4-Dichlorobenzene                               | 45  |  | "    | 50.0 |  | 89.3 | 84-124 |  | 0.914  | 30 |  |
| 1,4-Dioxane                                       | 870 |  | "    | 1050 |  | 82.6 | 10-228 |  | 3.15   | 30 |  |
| 2-Butanone  | 43  |  | "    | 50.0 |  | 86.5 | 58-147 |  | 7.46   | 30 |  |
| 2-Hexanone  | 42  |  | "    | 50.0 |  | 84.5 | 70-139 |  | 0.190  | 30 |  |
| 4-Methyl-2-pentanone                              | 45  |  | "    | 50.0 |  | 90.5 | 72-132 |  | 0.331  | 30 |  |
| Acetone   | 29  |  | "    | 50.0 |  | 58.7 | 36-155 |  | 1.08   | 30 |  |
| Acrolein  | 51  |  | "    | 50.0 |  | 101  | 10-238 |  | 2.81   | 30 |  |
| Acrylonitrile                                     | 45  |  | "    | 50.0 |  | 90.0 | 66-141 |  | 1.19   | 30 |  |
| Benzene   | 47  |  | "    | 50.0 |  | 94.3 | 77-127 |  | 1.19   | 30 |  |
| Bromochloromethane                                | 44  |  | "    | 50.0 |  | 88.2 | 74-129 |  | 0.0907 | 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 BD42111 - EPA 5035A**

**LCS Dup (BD42111-BSD1)**

Prepared & Analyzed: 04/29/2024

|   |      |  |      |      |  |      |        |          |        |    |  |
|---|------|--|------|------|--|------|--------|----------|--------|----|--|
| Bromodichloromethane                    | 42   |  | ug/L | 50.0 |  | 84.4 | 81-124 |          | 0.567  | 30 |  |
| Bromoform                               | 47   |  | "    | 50.0 |  | 94.5 | 80-136 |          | 1.39   | 30 |  |
| Bromomethane                            | 40   |  | "    | 50.0 |  | 80.0 | 32-177 |          | 0.275  | 30 |  |
| Carbon disulfide                        | 53   |  | "    | 50.0 |  | 106  | 10-136 |          | 1.01   | 30 |  |
| Carbon tetrachloride                    | 49   |  | "    | 50.0 |  | 98.0 | 66-143 |          | 0.163  | 30 |  |
| Chlorobenzene                           | 46   |  | "    | 50.0 |  | 91.6 | 86-120 |          | 2.18   | 30 |  |
| Chloroethane                            | 45   |  | "    | 50.0 |  | 89.7 | 51-142 |          | 0.604  | 30 |  |
| Chloroform                              | 46   |  | "    | 50.0 |  | 92.1 | 76-131 |          | 0.0434 | 30 |  |
| Chloromethane                           | 46   |  | "    | 50.0 |  | 92.1 | 49-132 |          | 2.00   | 30 |  |
| cis-1,2-Dichloroethylene                | 45   |  | "    | 50.0 |  | 89.0 | 74-132 |          | 2.27   | 30 |  |
| cis-1,3-Dichloropropylene               | 42   |  | "    | 50.0 |  | 84.7 | 81-129 |          | 0.521  | 30 |  |
| Cyclohexane                             | 45   |  | "    | 50.0 |  | 89.5 | 70-130 |          | 0.179  | 30 |  |
| Dibromochloromethane                    | 45   |  | "    | 50.0 |  | 90.8 | 10-200 |          | 0.265  | 30 |  |
| Dibromomethane                          | 43   |  | "    | 50.0 |  | 85.8 | 83-124 |          | 1.72   | 30 |  |
| Dichlorodifluoromethane                 | 48   |  | "    | 50.0 |  | 96.8 | 28-158 |          | 1.83   | 30 |  |
| Ethyl Benzene                           | 44   |  | "    | 50.0 |  | 88.3 | 84-125 |          | 0.113  | 30 |  |
| Hexachlorobutadiene                     | 48   |  | "    | 50.0 |  | 96.5 | 83-133 |          | 1.07   | 30 |  |
| Isopropylbenzene                        | 46   |  | "    | 50.0 |  | 92.7 | 81-127 |          | 1.97   | 30 |  |
| Methyl acetate                          | 44   |  | "    | 50.0 |  | 88.5 | 41-143 |          | 0.498  | 30 |  |
| Methyl tert-butyl ether (MTBE)          | 47   |  | "    | 50.0 |  | 93.6 | 74-131 |          | 0.578  | 30 |  |
| Methylcyclohexane                       | 43   |  | "    | 50.0 |  | 86.5 | 70-130 |          | 0.852  | 30 |  |
| Methylene chloride                      | 43   |  | "    | 50.0 |  | 85.0 | 57-141 |          | 0.566  | 30 |  |
| n-Butylbenzene                          | 42   |  | "    | 50.0 |  | 84.4 | 80-130 |          | 2.34   | 30 |  |
| n-Propylbenzene                         | 45   |  | "    | 50.0 |  | 90.4 | 74-136 |          | 1.69   | 30 |  |
| o-Xylene                                | 44   |  | "    | 50.0 |  | 87.3 | 83-123 |          | 0.252  | 30 |  |
| p- & m- Xylenes                         | 75   |  | "    | 100  |  | 75.3 | 82-128 | Low Bias | 0.345  | 30 |  |
| p-Isopropyltoluene                      | 45   |  | "    | 50.0 |  | 89.4 | 85-125 |          | 1.71   | 30 |  |
| sec-Butylbenzene                        | 45   |  | "    | 50.0 |  | 89.6 | 83-125 |          | 1.86   | 30 |  |
| Styrene                                 | 44   |  | "    | 50.0 |  | 88.0 | 86-126 |          | 0.937  | 30 |  |
| tert-Butyl alcohol (TBA)                | 220  |  | "    | 250  |  | 87.3 | 70-130 |          | 2.06   | 30 |  |
| tert-Butylbenzene                       | 46   |  | "    | 50.0 |  | 91.9 | 80-127 |          | 0.716  | 30 |  |
| Tetrachloroethylene                     | 33   |  | "    | 50.0 |  | 65.9 | 80-129 | Low Bias | 0.792  | 30 |  |
| Toluene                                 | 43   |  | "    | 50.0 |  | 86.6 | 85-121 |          | 0.850  | 30 |  |
| trans-1,2-Dichloroethylene              | 47   |  | "    | 50.0 |  | 93.2 | 72-132 |          | 2.39   | 30 |  |
| trans-1,3-Dichloropropylene             | 41   |  | "    | 50.0 |  | 82.0 | 78-132 |          | 0.681  | 30 |  |
| trans-1,4-dichloro-2-butene             | 44   |  | "    | 50.0 |  | 88.4 | 75-135 |          | 1.75   | 30 |  |
| Trichloroethylene                       | 43   |  | "    | 50.0 |  | 87.0 | 84-123 |          | 0.688  | 30 |  |
| Trichlorofluoromethane                  | 48   |  | "    | 50.0 |  | 95.8 | 62-140 |          | 2.92   | 30 |  |
| Vinyl Chloride                          | 46   |  | "    | 50.0 |  | 92.4 | 52-130 |          | 1.55   | 30 |  |
| Surrogate: SURRE: 1,2-Dichloroethane-d4 | 48.5 |  | "    | 50.0 |  | 97.0 | 77-125 |          |        |    |  |
| Surrogate: SURRE: Toluene-d8            | 48.0 |  | "    | 50.0 |  | 95.9 | 85-120 |          |        |    |  |
| Surrogate: SURRE: p-Bromofluorobenzene  | 49.0 |  | "    | 50.0 |  | 98.0 | 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 BD42171 - EPA 5030B/1311**

**Blank (BD42171-BLK1)**

Prepared & Analyzed: 04/29/2024

|   |      |     |      |      |  |      |          |  |  |  |  |
|---|------|-----|------|------|--|------|----------|--|--|--|--|
| 1,1-Dichloroethylene                          | ND   | 5.0 | ug/L |      |  |      |          |  |  |  |  |
| 1,2-Dichloroethane                            | ND   | 5.0 | "    |      |  |      |          |  |  |  |  |
| 1,4-Dichlorobenzene                           | ND   | 5.0 | "    |      |  |      |          |  |  |  |  |
| 2-Butanone                                    | ND   | 5.0 | "    |      |  |      |          |  |  |  |  |
| Benzene                                       | ND   | 5.0 | "    |      |  |      |          |  |  |  |  |
| Carbon tetrachloride                          | ND   | 5.0 | "    |      |  |      |          |  |  |  |  |
| Chlorobenzene                                 | ND   | 5.0 | "    |      |  |      |          |  |  |  |  |
| Chloroform                                    | ND   | 5.0 | "    |      |  |      |          |  |  |  |  |
| Tetrachloroethylene                           | ND   | 5.0 | "    |      |  |      |          |  |  |  |  |
| Trichloroethylene                             | ND   | 5.0 | "    |      |  |      |          |  |  |  |  |
| Vinyl Chloride                                | ND   | 5.0 | "    |      |  |      |          |  |  |  |  |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i> | 49.2 |     | "    | 50.0 |  | 98.5 | 77-125   |  |  |  |  |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>  | 49.8 |     | "    | 50.0 |  | 99.6 | 84.2-124 |  |  |  |  |
| <i>Surrogate: SURR: Toluene-d8</i>            | 47.8 |     | "    | 50.0 |  | 95.6 | 85-120   |  |  |  |  |

**LCS (BD42171-BS1)**

Prepared & Analyzed: 04/29/2024

|   |      |  |      |      |  |      |          |          |  |  |  |
|---|------|--|------|------|--|------|----------|----------|--|--|--|
| 1,1-Dichloroethylene                          | 47   |  | ug/L | 50.0 |  | 93.2 | 68-134   |          |  |  |  |
| 1,2-Dichloroethane                            | 43   |  | "    | 50.0 |  | 85.6 | 69-133   |          |  |  |  |
| 1,4-Dichlorobenzene                           | 42   |  | "    | 50.0 |  | 84.4 | 82-124   |          |  |  |  |
| 2-Butanone                                    | 43   |  | "    | 50.0 |  | 85.6 | 44-169   |          |  |  |  |
| Benzene                                       | 47   |  | "    | 50.0 |  | 93.2 | 72-134   |          |  |  |  |
| Carbon tetrachloride                          | 48   |  | "    | 50.0 |  | 95.6 | 62-145   |          |  |  |  |
| Chlorobenzene                                 | 46   |  | "    | 50.0 |  | 91.1 | 85-119   |          |  |  |  |
| Chloroform                                    | 45   |  | "    | 50.0 |  | 89.5 | 74-131   |          |  |  |  |
| Tetrachloroethylene                           | 32   |  | "    | 50.0 |  | 63.1 | 78-133   | Low Bias |  |  |  |
| Trichloroethylene                             | 44   |  | "    | 50.0 |  | 88.5 | 81-125   |          |  |  |  |
| Vinyl Chloride                                | 45   |  | "    | 50.0 |  | 90.6 | 42-136   |          |  |  |  |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i> | 48.4 |  | "    | 50.0 |  | 96.7 | 77-125   |          |  |  |  |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>  | 49.1 |  | "    | 50.0 |  | 98.3 | 84.2-124 |          |  |  |  |
| <i>Surrogate: SURR: Toluene-d8</i>            | 48.6 |  | "    | 50.0 |  | 97.2 | 85-120   |          |  |  |  |





**Volatile Organic Compounds by GC/MS - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

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

**Batch BD42171 - EPA 5030B/1311**

**LCS Dup (BD42171-BSD1)**

Prepared & Analyzed: 04/29/2024

|   |             |  |          |             |  |             |                 |          |  |      |    |  |  |
|---|-------------|--|----------|-------------|--|-------------|-----------------|----------|--|------|----|--|--|
| 1,1-Dichloroethylene                          | 49          |  | ug/L     | 50.0        |  | 97.9        | 68-134          |          |  | 4.94 | 30 |  |  |
| 1,2-Dichloroethane                            | 44          |  | "        | 50.0        |  | 87.7        | 69-133          |          |  | 2.40 | 30 |  |  |
| 1,4-Dichlorobenzene                           | 44          |  | "        | 50.0        |  | 87.5        | 82-124          |          |  | 3.56 | 30 |  |  |
| 2-Butanone                                    | 45          |  | "        | 50.0        |  | 89.4        | 44-169          |          |  | 4.43 | 30 |  |  |
| Benzene                                       | 48          |  | "        | 50.0        |  | 96.8        | 72-134          |          |  | 3.79 | 30 |  |  |
| Carbon tetrachloride                          | 50          |  | "        | 50.0        |  | 99.9        | 62-145          |          |  | 4.40 | 30 |  |  |
| Chlorobenzene                                 | 47          |  | "        | 50.0        |  | 93.5        | 85-119          |          |  | 2.58 | 30 |  |  |
| Chloroform                                    | 47          |  | "        | 50.0        |  | 93.8        | 74-131          |          |  | 4.74 | 30 |  |  |
| Tetrachloroethylene                           | 33          |  | "        | 50.0        |  | 65.9        | 78-133          | Low Bias |  | 4.28 | 30 |  |  |
| Trichloroethylene                             | 46          |  | "        | 50.0        |  | 92.5        | 81-125          |          |  | 4.44 | 30 |  |  |
| Vinyl Chloride                                | 47          |  | "        | 50.0        |  | 93.7        | 42-136          |          |  | 3.34 | 30 |  |  |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i> | <i>48.2</i> |  | <i>"</i> | <i>50.0</i> |  | <i>96.4</i> | <i>77-125</i>   |          |  |      |    |  |  |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>  | <i>48.0</i> |  | <i>"</i> | <i>50.0</i> |  | <i>96.1</i> | <i>84.2-124</i> |          |  |      |    |  |  |
| <i>Surrogate: SURR: Toluene-d8</i>            | <i>48.3</i> |  | <i>"</i> | <i>50.0</i> |  | <i>96.7</i> | <i>85-120</i>   |          |  |      |    |  |  |

**Leach Fluid Blank (BD42171-LBK1)**

Prepared & Analyzed: 04/29/2024

|   |             |    |          |             |  |             |                 |  |  |  |  |  |  |
|---|-------------|----|----------|-------------|--|-------------|-----------------|--|--|--|--|--|--|
| 1,1-Dichloroethylene                          | ND          | 50 | ug/L     |             |  |             |                 |  |  |  |  |  |  |
| 1,2-Dichloroethane                            | ND          | 50 | "        |             |  |             |                 |  |  |  |  |  |  |
| 1,4-Dichlorobenzene                           | ND          | 50 | "        |             |  |             |                 |  |  |  |  |  |  |
| 2-Butanone                                    | ND          | 50 | "        |             |  |             |                 |  |  |  |  |  |  |
| Benzene                                       | ND          | 50 | "        |             |  |             |                 |  |  |  |  |  |  |
| Carbon tetrachloride                          | ND          | 50 | "        |             |  |             |                 |  |  |  |  |  |  |
| Chlorobenzene                                 | ND          | 50 | "        |             |  |             |                 |  |  |  |  |  |  |
| Chloroform                                    | ND          | 50 | "        |             |  |             |                 |  |  |  |  |  |  |
| Tetrachloroethylene                           | ND          | 50 | "        |             |  |             |                 |  |  |  |  |  |  |
| Trichloroethylene                             | ND          | 50 | "        |             |  |             |                 |  |  |  |  |  |  |
| Vinyl Chloride                                | ND          | 50 | "        |             |  |             |                 |  |  |  |  |  |  |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i> | <i>48.7</i> |    | <i>"</i> | <i>50.0</i> |  | <i>97.4</i> | <i>77-125</i>   |  |  |  |  |  |  |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>  | <i>50.3</i> |    | <i>"</i> | <i>50.0</i> |  | <i>101</i>  | <i>84.2-124</i> |  |  |  |  |  |  |
| <i>Surrogate: SURR: Toluene-d8</i>            | <i>48.1</i> |    | <i>"</i> | <i>50.0</i> |  | <i>96.3</i> | <i>85-120</i>   |  |  |  |  |  |  |



**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 BD42210 - EPA 5035A**

**Blank (BD42210-BLK1)**

Prepared & Analyzed: 04/30/2024

|   |    |     |           |  |  |  |  |  |  |  |  |
|---|----|-----|-----------|--|--|--|--|--|--|--|--|
| 1,1,1,2-Tetrachloroethane                         | ND | 5.0 | ug/kg wet |  |  |  |  |  |  |  |  |
| 1,1,1-Trichloroethane                             | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,1,2,2-Tetrachloroethane                         | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,1,2-Trichloroethane                             | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,1-Dichloroethane                                | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,1-Dichloroethylene                              | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2,3-Trichlorobenzene                            | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2,3-Trichloropropane                            | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2,4-Trichlorobenzene                            | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2,4-Trimethylbenzene                            | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2-Dibromo-3-chloropropane                       | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2-Dibromoethane                                 | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2-Dichlorobenzene                               | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2-Dichloroethane                                | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,2-Dichloropropane                               | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,3,5-Trimethylbenzene                            | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,3-Dichlorobenzene                               | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,4-Dichlorobenzene                               | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 1,4-Dioxane                                       | ND | 100 | "         |  |  |  |  |  |  |  |  |
| 2-Butanone  | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 2-Hexanone  | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| 4-Methyl-2-pentanone                              | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Acetone   | ND | 10  | "         |  |  |  |  |  |  |  |  |
| Acrolein  | ND | 10  | "         |  |  |  |  |  |  |  |  |
| Acrylonitrile                                     | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Benzene   | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Bromochloromethane                                | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Bromodichloromethane                              | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Bromoform   | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Bromomethane                                      | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Carbon disulfide                                  | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Carbon tetrachloride                              | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Chlorobenzene                                     | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Chloroethane                                      | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Chloroform  | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Chloromethane                                     | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| cis-1,2-Dichloroethylene                          | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| cis-1,3-Dichloropropylene                         | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Cyclohexane                                       | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Dibromochloromethane                              | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Dibromomethane                                    | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Dichlorodifluoromethane                           | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Ethyl Benzene                                     | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Hexachlorobutadiene                               | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Isopropylbenzene                                  | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Methyl acetate                                    | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Methyl tert-butyl ether (MTBE)                    | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Methylcyclohexane                                 | ND | 5.0 | "         |  |  |  |  |  |  |  |  |
| Methylene chloride                                | 11 | 10  | "         |  |  |  |  |  |  |  |  |



**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 BD42210 - EPA 5035A**

**Blank (BD42210-BLK1)**

Prepared & Analyzed: 04/30/2024

|   |      |     |           |      |  |      |        |  |  |  |  |
|---|------|-----|-----------|------|--|------|--------|--|--|--|--|
| n-Butylbenzene                          | ND   | 5.0 | ug/kg wet |      |  |      |        |  |  |  |  |
| n-Propylbenzene                         | ND   | 5.0 | "         |      |  |      |        |  |  |  |  |
| o-Xylene                                | ND   | 5.0 | "         |      |  |      |        |  |  |  |  |
| p- & m- Xylenes                         | ND   | 10  | "         |      |  |      |        |  |  |  |  |
| p-Isopropyltoluene                      | ND   | 5.0 | "         |      |  |      |        |  |  |  |  |
| sec-Butylbenzene                        | ND   | 5.0 | "         |      |  |      |        |  |  |  |  |
| Styrene                                 | ND   | 5.0 | "         |      |  |      |        |  |  |  |  |
| tert-Butyl alcohol (TBA)                | ND   | 5.0 | "         |      |  |      |        |  |  |  |  |
| tert-Butylbenzene                       | ND   | 5.0 | "         |      |  |      |        |  |  |  |  |
| Tetrachloroethylene                     | ND   | 5.0 | "         |      |  |      |        |  |  |  |  |
| Toluene                                 | ND   | 5.0 | "         |      |  |      |        |  |  |  |  |
| trans-1,2-Dichloroethylene              | ND   | 5.0 | "         |      |  |      |        |  |  |  |  |
| trans-1,3-Dichloropropylene             | ND   | 5.0 | "         |      |  |      |        |  |  |  |  |
| trans-1,4-dichloro-2-butene             | ND   | 5.0 | "         |      |  |      |        |  |  |  |  |
| Trichloroethylene                       | ND   | 5.0 | "         |      |  |      |        |  |  |  |  |
| Trichlorofluoromethane                  | ND   | 5.0 | "         |      |  |      |        |  |  |  |  |
| Vinyl Chloride                          | ND   | 5.0 | "         |      |  |      |        |  |  |  |  |
| Xylenes, Total                          | ND   | 15  | "         |      |  |      |        |  |  |  |  |
| <hr/>                                   |      |     |           |      |  |      |        |  |  |  |  |
| Surrogate: SURRE: 1,2-Dichloroethane-d4 | 52.6 |     | ug/L      | 50.0 |  | 105  | 77-125 |  |  |  |  |
| Surrogate: SURRE: Toluene-d8            | 47.3 |     | "         | 50.0 |  | 94.5 | 85-120 |  |  |  |  |
| Surrogate: SURRE: p-Bromofluorobenzene  | 51.8 |     | "         | 50.0 |  | 104  | 76-130 |  |  |  |  |

**LCS (BD42210-BS1)**

Prepared & Analyzed: 04/30/2024

|   |      |  |      |      |  |      |        |  |  |  |  |
|---|------|--|------|------|--|------|--------|--|--|--|--|
| 1,1,1,2-Tetrachloroethane                         | 45   |  | ug/L | 50.0 |  | 89.6 | 75-129 |  |  |  |  |
| 1,1,1-Trichloroethane                             | 51   |  | "    | 50.0 |  | 102  | 71-137 |  |  |  |  |
| 1,1,2,2-Tetrachloroethane                         | 47   |  | "    | 50.0 |  | 94.6 | 79-129 |  |  |  |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 51   |  | "    | 50.0 |  | 103  | 58-146 |  |  |  |  |
| 1,1,2-Trichloroethane                             | 44   |  | "    | 50.0 |  | 88.3 | 83-123 |  |  |  |  |
| 1,1-Dichloroethane                                | 48   |  | "    | 50.0 |  | 97.0 | 75-130 |  |  |  |  |
| 1,1-Dichloroethylene                              | 51   |  | "    | 50.0 |  | 101  | 64-137 |  |  |  |  |
| 1,2,3-Trichlorobenzene                            | 42   |  | "    | 50.0 |  | 84.1 | 81-140 |  |  |  |  |
| 1,2,3-Trichloropropane                            | 48   |  | "    | 50.0 |  | 95.4 | 81-126 |  |  |  |  |
| 1,2,4-Trichlorobenzene                            | 42   |  | "    | 50.0 |  | 84.8 | 80-141 |  |  |  |  |
| 1,2,4-Trimethylbenzene                            | 44   |  | "    | 50.0 |  | 87.8 | 84-125 |  |  |  |  |
| 1,2-Dibromo-3-chloropropane                       | 44   |  | "    | 50.0 |  | 89.0 | 74-142 |  |  |  |  |
| 1,2-Dibromoethane                                 | 47   |  | "    | 50.0 |  | 93.9 | 86-123 |  |  |  |  |
| 1,2-Dichlorobenzene                               | 44   |  | "    | 50.0 |  | 88.2 | 85-122 |  |  |  |  |
| 1,2-Dichloroethane                                | 50   |  | "    | 50.0 |  | 100  | 71-133 |  |  |  |  |
| 1,2-Dichloropropane                               | 44   |  | "    | 50.0 |  | 87.7 | 81-122 |  |  |  |  |
| 1,3,5-Trimethylbenzene                            | 44   |  | "    | 50.0 |  | 87.5 | 82-126 |  |  |  |  |
| 1,3-Dichlorobenzene                               | 44   |  | "    | 50.0 |  | 88.2 | 84-124 |  |  |  |  |
| 1,4-Dichlorobenzene                               | 43   |  | "    | 50.0 |  | 85.7 | 84-124 |  |  |  |  |
| 1,4-Dioxane                                       | 1000 |  | "    | 1050 |  | 95.1 | 10-228 |  |  |  |  |
| 2-Butanone  | 53   |  | "    | 50.0 |  | 106  | 58-147 |  |  |  |  |
| 2-Hexanone  | 46   |  | "    | 50.0 |  | 91.2 | 70-139 |  |  |  |  |
| 4-Methyl-2-pentanone                              | 48   |  | "    | 50.0 |  | 95.9 | 72-132 |  |  |  |  |
| Acetone   | 37   |  | "    | 50.0 |  | 74.7 | 36-155 |  |  |  |  |
| Acrolein  | 60   |  | "    | 50.0 |  | 119  | 10-238 |  |  |  |  |
| Acrylonitrile                                     | 54   |  | "    | 50.0 |  | 107  | 66-141 |  |  |  |  |
| Benzene   | 50   |  | "    | 50.0 |  | 99.5 | 77-127 |  |  |  |  |



**Volatile Organic Compounds by GC/MS - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

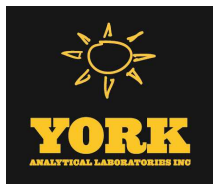
| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|----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

**Batch BD42210 - EPA 5035A**

**LCS (BD42210-BS1)**

Prepared & Analyzed: 04/30/2024

|  |      |  |      |      |  |      |        |          |  |  |  |
|--|------|--|------|------|--|------|--------|----------|--|--|--|
| Bromochloromethane                     | 49   |  | ug/L | 50.0 |  | 97.8 | 74-129 |          |  |  |  |
| Bromodichloromethane                   | 43   |  | "    | 50.0 |  | 86.2 | 81-124 |          |  |  |  |
| Bromoform                              | 45   |  | "    | 50.0 |  | 90.1 | 80-136 |          |  |  |  |
| Bromomethane                           | 43   |  | "    | 50.0 |  | 86.3 | 32-177 |          |  |  |  |
| Carbon disulfide                       | 51   |  | "    | 50.0 |  | 101  | 10-136 |          |  |  |  |
| Carbon tetrachloride                   | 53   |  | "    | 50.0 |  | 106  | 66-143 |          |  |  |  |
| Chlorobenzene                          | 48   |  | "    | 50.0 |  | 95.8 | 86-120 |          |  |  |  |
| Chloroethane                           | 50   |  | "    | 50.0 |  | 99.8 | 51-142 |          |  |  |  |
| Chloroform                             | 51   |  | "    | 50.0 |  | 101  | 76-131 |          |  |  |  |
| Chloromethane                          | 44   |  | "    | 50.0 |  | 88.3 | 49-132 |          |  |  |  |
| cis-1,2-Dichloroethylene               | 48   |  | "    | 50.0 |  | 96.9 | 74-132 |          |  |  |  |
| cis-1,3-Dichloropropylene              | 43   |  | "    | 50.0 |  | 85.3 | 81-129 |          |  |  |  |
| Cyclohexane                            | 48   |  | "    | 50.0 |  | 95.7 | 70-130 |          |  |  |  |
| Dibromochloromethane                   | 43   |  | "    | 50.0 |  | 86.0 | 10-200 |          |  |  |  |
| Dibromomethane                         | 45   |  | "    | 50.0 |  | 90.0 | 83-124 |          |  |  |  |
| Dichlorodifluoromethane                | 42   |  | "    | 50.0 |  | 84.2 | 28-158 |          |  |  |  |
| Ethyl Benzene                          | 45   |  | "    | 50.0 |  | 89.3 | 84-125 |          |  |  |  |
| Hexachlorobutadiene                    | 41   |  | "    | 50.0 |  | 82.7 | 83-133 | Low Bias |  |  |  |
| Isopropylbenzene                       | 46   |  | "    | 50.0 |  | 92.0 | 81-127 |          |  |  |  |
| Methyl acetate                         | 49   |  | "    | 50.0 |  | 98.5 | 41-143 |          |  |  |  |
| Methyl tert-butyl ether (MTBE)         | 48   |  | "    | 50.0 |  | 96.5 | 74-131 |          |  |  |  |
| Methylcyclohexane                      | 44   |  | "    | 50.0 |  | 87.6 | 70-130 |          |  |  |  |
| Methylene chloride                     | 59   |  | "    | 50.0 |  | 117  | 57-141 |          |  |  |  |
| n-Butylbenzene                         | 43   |  | "    | 50.0 |  | 85.2 | 80-130 |          |  |  |  |
| n-Propylbenzene                        | 45   |  | "    | 50.0 |  | 89.4 | 74-136 |          |  |  |  |
| o-Xylene                               | 45   |  | "    | 50.0 |  | 89.6 | 83-123 |          |  |  |  |
| p- & m- Xylenes                        | 89   |  | "    | 100  |  | 89.2 | 82-128 |          |  |  |  |
| p-Isopropyltoluene                     | 43   |  | "    | 50.0 |  | 86.7 | 85-125 |          |  |  |  |
| sec-Butylbenzene                       | 45   |  | "    | 50.0 |  | 89.7 | 83-125 |          |  |  |  |
| Styrene                                | 45   |  | "    | 50.0 |  | 90.5 | 86-126 |          |  |  |  |
| tert-Butyl alcohol (TBA)               | 260  |  | "    | 250  |  | 104  | 70-130 |          |  |  |  |
| tert-Butylbenzene                      | 45   |  | "    | 50.0 |  | 90.2 | 80-127 |          |  |  |  |
| Tetrachloroethylene                    | 32   |  | "    | 50.0 |  | 64.6 | 80-129 | Low Bias |  |  |  |
| Toluene                                | 44   |  | "    | 50.0 |  | 88.4 | 85-121 |          |  |  |  |
| trans-1,2-Dichloroethylene             | 49   |  | "    | 50.0 |  | 98.0 | 72-132 |          |  |  |  |
| trans-1,3-Dichloropropylene            | 42   |  | "    | 50.0 |  | 85.0 | 78-132 |          |  |  |  |
| trans-1,4-dichloro-2-butene            | 47   |  | "    | 50.0 |  | 93.9 | 75-135 |          |  |  |  |
| Trichloroethylene                      | 45   |  | "    | 50.0 |  | 89.2 | 84-123 |          |  |  |  |
| Trichlorofluoromethane                 | 55   |  | "    | 50.0 |  | 111  | 62-140 |          |  |  |  |
| Vinyl Chloride                         | 48   |  | "    | 50.0 |  | 96.0 | 52-130 |          |  |  |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 52.4 |  | "    | 50.0 |  | 105  | 77-125 |          |  |  |  |
| Surrogate: SURR: Toluene-d8            | 47.1 |  | "    | 50.0 |  | 94.1 | 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 |
|---|--------|-----------------|-------|-------------|----------------|------|-------------|------|--------|-----------|------|
| <b>Batch BD42210 - EPA 5035A</b>                  |        |                 |       |             |                |      |             |      |        |           |      |
| <b>LCS Dup (BD42210-BSD1)</b>                     |        |                 |       |             |                |      |             |      |        |           |      |
| Prepared & Analyzed: 04/30/2024                   |        |                 |       |             |                |      |             |      |        |           |      |
| 1,1,1,2-Tetrachloroethane                         | 46     |                 | ug/L  | 50.0        |                | 91.0 | 75-129      |      | 1.57   | 30        |      |
| 1,1,1-Trichloroethane                             | 51     |                 | "     | 50.0        |                | 102  | 71-137      |      | 0.393  | 30        |      |
| 1,1,2,2-Tetrachloroethane                         | 49     |                 | "     | 50.0        |                | 98.2 | 79-129      |      | 3.78   | 30        |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 51     |                 | "     | 50.0        |                | 102  | 58-146      |      | 0.977  | 30        |      |
| 1,1,2-Trichloroethane                             | 45     |                 | "     | 50.0        |                | 89.6 | 83-123      |      | 1.39   | 30        |      |
| 1,1-Dichloroethane                                | 48     |                 | "     | 50.0        |                | 96.6 | 75-130      |      | 0.393  | 30        |      |
| 1,1-Dichloroethylene                              | 50     |                 | "     | 50.0        |                | 100  | 64-137      |      | 0.595  | 30        |      |
| 1,2,3-Trichlorobenzene                            | 42     |                 | "     | 50.0        |                | 83.9 | 81-140      |      | 0.238  | 30        |      |
| 1,2,3-Trichloropropane                            | 49     |                 | "     | 50.0        |                | 98.7 | 81-126      |      | 3.42   | 30        |      |
| 1,2,4-Trichlorobenzene                            | 42     |                 | "     | 50.0        |                | 84.1 | 80-141      |      | 0.805  | 30        |      |
| 1,2,4-Trimethylbenzene                            | 44     |                 | "     | 50.0        |                | 87.5 | 84-125      |      | 0.388  | 30        |      |
| 1,2-Dibromo-3-chloropropane                       | 46     |                 | "     | 50.0        |                | 92.8 | 74-142      |      | 4.20   | 30        |      |
| 1,2-Dibromoethane                                 | 48     |                 | "     | 50.0        |                | 95.9 | 86-123      |      | 2.17   | 30        |      |
| 1,2-Dichlorobenzene                               | 45     |                 | "     | 50.0        |                | 89.2 | 85-122      |      | 1.08   | 30        |      |
| 1,2-Dichloroethane                                | 50     |                 | "     | 50.0        |                | 101  | 71-133      |      | 0.657  | 30        |      |
| 1,2-Dichloropropane                               | 44     |                 | "     | 50.0        |                | 88.0 | 81-122      |      | 0.433  | 30        |      |
| 1,3,5-Trimethylbenzene                            | 44     |                 | "     | 50.0        |                | 88.0 | 82-126      |      | 0.547  | 30        |      |
| 1,3-Dichlorobenzene                               | 44     |                 | "     | 50.0        |                | 88.5 | 84-124      |      | 0.430  | 30        |      |
| 1,4-Dichlorobenzene                               | 44     |                 | "     | 50.0        |                | 87.8 | 84-124      |      | 2.40   | 30        |      |
| 1,4-Dioxane                                       | 1000   |                 | "     | 1050        |                | 100  | 10-228      |      | 5.02   | 30        |      |
| 2-Butanone  | 56     |                 | "     | 50.0        |                | 112  | 58-147      |      | 5.67   | 30        |      |
| 2-Hexanone  | 48     |                 | "     | 50.0        |                | 95.0 | 70-139      |      | 4.08   | 30        |      |
| 4-Methyl-2-pentanone                              | 48     |                 | "     | 50.0        |                | 97.0 | 72-132      |      | 1.10   | 30        |      |
| Acetone   | 37     |                 | "     | 50.0        |                | 73.9 | 36-155      |      | 1.05   | 30        |      |
| Acrolein  | 63     |                 | "     | 50.0        |                | 125  | 10-238      |      | 4.79   | 30        |      |
| Acrylonitrile                                     | 53     |                 | "     | 50.0        |                | 105  | 66-141      |      | 1.75   | 30        |      |
| Benzene   | 49     |                 | "     | 50.0        |                | 98.6 | 77-127      |      | 0.848  | 30        |      |
| Bromochloromethane                                | 49     |                 | "     | 50.0        |                | 97.5 | 74-129      |      | 0.246  | 30        |      |
| Bromodichloromethane                              | 44     |                 | "     | 50.0        |                | 87.6 | 81-124      |      | 1.59   | 30        |      |
| Bromoform   | 46     |                 | "     | 50.0        |                | 92.7 | 80-136      |      | 2.93   | 30        |      |
| Bromomethane                                      | 43     |                 | "     | 50.0        |                | 85.1 | 32-177      |      | 1.40   | 30        |      |
| Carbon disulfide                                  | 51     |                 | "     | 50.0        |                | 102  | 10-136      |      | 0.650  | 30        |      |
| Carbon tetrachloride                              | 53     |                 | "     | 50.0        |                | 105  | 66-143      |      | 0.872  | 30        |      |
| Chlorobenzene                                     | 48     |                 | "     | 50.0        |                | 96.1 | 86-120      |      | 0.313  | 30        |      |
| Chloroethane                                      | 49     |                 | "     | 50.0        |                | 98.3 | 51-142      |      | 1.49   | 30        |      |
| Chloroform  | 50     |                 | "     | 50.0        |                | 100  | 76-131      |      | 0.933  | 30        |      |
| Chloromethane                                     | 43     |                 | "     | 50.0        |                | 86.9 | 49-132      |      | 1.60   | 30        |      |
| cis-1,2-Dichloroethylene                          | 49     |                 | "     | 50.0        |                | 97.5 | 74-132      |      | 0.597  | 30        |      |
| cis-1,3-Dichloropropylene                         | 43     |                 | "     | 50.0        |                | 86.6 | 81-129      |      | 1.56   | 30        |      |
| Cyclohexane                                       | 47     |                 | "     | 50.0        |                | 94.3 | 70-130      |      | 1.45   | 30        |      |
| Dibromochloromethane                              | 45     |                 | "     | 50.0        |                | 89.1 | 10-200      |      | 3.59   | 30        |      |
| Dibromomethane                                    | 45     |                 | "     | 50.0        |                | 90.2 | 83-124      |      | 0.244  | 30        |      |
| Dichlorodifluoromethane                           | 42     |                 | "     | 50.0        |                | 83.5 | 28-158      |      | 0.834  | 30        |      |
| Ethyl Benzene                                     | 45     |                 | "     | 50.0        |                | 89.8 | 84-125      |      | 0.536  | 30        |      |
| Hexachlorobutadiene                               | 42     |                 | "     | 50.0        |                | 83.8 | 83-133      |      | 1.32   | 30        |      |
| Isopropylbenzene                                  | 46     |                 | "     | 50.0        |                | 92.3 | 81-127      |      | 0.304  | 30        |      |
| Methyl acetate                                    | 51     |                 | "     | 50.0        |                | 103  | 41-143      |      | 4.10   | 30        |      |
| Methyl tert-butyl ether (MTBE)                    | 49     |                 | "     | 50.0        |                | 97.4 | 74-131      |      | 0.887  | 30        |      |
| Methylcyclohexane                                 | 44     |                 | "     | 50.0        |                | 87.4 | 70-130      |      | 0.297  | 30        |      |
| Methylene chloride                                | 59     |                 | "     | 50.0        |                | 117  | 57-141      |      | 0.0170 | 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 BD42210 - EPA 5035A**

**LCS Dup (BD42210-BSD1)**

Prepared & Analyzed: 04/30/2024

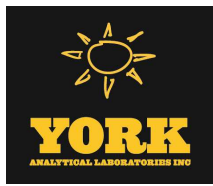
|   |             |  |          |             |  |             |               |          |       |    |  |
|---|-------------|--|----------|-------------|--|-------------|---------------|----------|-------|----|--|
| n-Butylbenzene                                | 43          |  | ug/L     | 50.0        |  | 86.2        | 80-130        |          | 1.17  | 30 |  |
| n-Propylbenzene                               | 45          |  | "        | 50.0        |  | 90.7        | 74-136        |          | 1.44  | 30 |  |
| o-Xylene                                      | 45          |  | "        | 50.0        |  | 90.4        | 83-123        |          | 0.933 | 30 |  |
| p- & m- Xylenes                               | 89          |  | "        | 100         |  | 88.9        | 82-128        |          | 0.281 | 30 |  |
| p-Isopropyltoluene                            | 44          |  | "        | 50.0        |  | 88.0        | 85-125        |          | 1.47  | 30 |  |
| sec-Butylbenzene                              | 45          |  | "        | 50.0        |  | 90.7        | 83-125        |          | 1.13  | 30 |  |
| Styrene                                       | 45          |  | "        | 50.0        |  | 91.0        | 86-126        |          | 0.485 | 30 |  |
| tert-Butyl alcohol (TBA)                      | 270         |  | "        | 250         |  | 107         | 70-130        |          | 2.55  | 30 |  |
| tert-Butylbenzene                             | 45          |  | "        | 50.0        |  | 90.4        | 80-127        |          | 0.133 | 30 |  |
| Tetrachloroethylene                           | 33          |  | "        | 50.0        |  | 65.5        | 80-129        | Low Bias | 1.45  | 30 |  |
| Toluene                                       | 44          |  | "        | 50.0        |  | 89.0        | 85-121        |          | 0.609 | 30 |  |
| trans-1,2-Dichloroethylene                    | 49          |  | "        | 50.0        |  | 97.3        | 72-132        |          | 0.676 | 30 |  |
| trans-1,3-Dichloropropylene                   | 44          |  | "        | 50.0        |  | 88.1        | 78-132        |          | 3.63  | 30 |  |
| trans-1,4-dichloro-2-butene                   | 47          |  | "        | 50.0        |  | 94.8        | 75-135        |          | 0.933 | 30 |  |
| Trichloroethylene                             | 44          |  | "        | 50.0        |  | 88.7        | 84-123        |          | 0.585 | 30 |  |
| Trichlorofluoromethane                        | 54          |  | "        | 50.0        |  | 108         | 62-140        |          | 2.71  | 30 |  |
| Vinyl Chloride                                | 47          |  | "        | 50.0        |  | 93.4        | 52-130        |          | 2.79  | 30 |  |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i> | <i>51.0</i> |  | <i>"</i> | <i>50.0</i> |  | <i>102</i>  | <i>77-125</i> |          |       |    |  |
| <i>Surrogate: SURR: Toluene-d8</i>            | <i>47.0</i> |  | <i>"</i> | <i>50.0</i> |  | <i>94.0</i> | <i>85-120</i> |          |       |    |  |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>  | <i>51.5</i> |  | <i>"</i> | <i>50.0</i> |  | <i>103</i>  | <i>76-130</i> |          |       |    |  |

**Batch BE40143 - EPA 5030B/1311**

**Blank (BE40143-BLK1)**

Prepared & Analyzed: 05/02/2024

|   |             |     |          |             |  |             |                 |  |  |  |  |
|---|-------------|-----|----------|-------------|--|-------------|-----------------|--|--|--|--|
| 1,1-Dichloroethylene                          | ND          | 5.0 | ug/L     |             |  |             |                 |  |  |  |  |
| 1,2-Dichloroethane                            | ND          | 5.0 | "        |             |  |             |                 |  |  |  |  |
| 1,4-Dichlorobenzene                           | ND          | 5.0 | "        |             |  |             |                 |  |  |  |  |
| 2-Butanone                                    | ND          | 5.0 | "        |             |  |             |                 |  |  |  |  |
| Benzene                                       | ND          | 5.0 | "        |             |  |             |                 |  |  |  |  |
| Carbon tetrachloride                          | ND          | 5.0 | "        |             |  |             |                 |  |  |  |  |
| Chlorobenzene                                 | ND          | 5.0 | "        |             |  |             |                 |  |  |  |  |
| Chloroform                                    | ND          | 5.0 | "        |             |  |             |                 |  |  |  |  |
| Tetrachloroethylene                           | ND          | 5.0 | "        |             |  |             |                 |  |  |  |  |
| Trichloroethylene                             | ND          | 5.0 | "        |             |  |             |                 |  |  |  |  |
| Vinyl Chloride                                | ND          | 5.0 | "        |             |  |             |                 |  |  |  |  |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i> | <i>47.4</i> |     | <i>"</i> | <i>50.0</i> |  | <i>94.9</i> | <i>77-125</i>   |  |  |  |  |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>  | <i>59.4</i> |     | <i>"</i> | <i>50.0</i> |  | <i>119</i>  | <i>84.2-124</i> |  |  |  |  |
| <i>Surrogate: SURR: Toluene-d8</i>            | <i>51.8</i> |     | <i>"</i> | <i>50.0</i> |  | <i>104</i>  | <i>85-120</i>   |  |  |  |  |



**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 BE40143 - EPA 5030B/1311**

**LCS (BE40143-BS1)**

Prepared & Analyzed: 05/02/2024

|   |             |  |          |             |  |             |                 |           |  |  |  |
|---|-------------|--|----------|-------------|--|-------------|-----------------|-----------|--|--|--|
| 1,1-Dichloroethylene                          | 64          |  | ug/L     | 50.0        |  | 129         | 68-134          |           |  |  |  |
| 1,2-Dichloroethane                            | 52          |  | "        | 50.0        |  | 104         | 69-133          |           |  |  |  |
| 1,4-Dichlorobenzene                           | 43          |  | "        | 50.0        |  | 85.9        | 82-124          |           |  |  |  |
| 2-Butanone                                    | 41          |  | "        | 50.0        |  | 81.8        | 44-169          |           |  |  |  |
| Benzene                                       | 52          |  | "        | 50.0        |  | 104         | 72-134          |           |  |  |  |
| Carbon tetrachloride                          | 45          |  | "        | 50.0        |  | 90.8        | 62-145          |           |  |  |  |
| Chlorobenzene                                 | 53          |  | "        | 50.0        |  | 106         | 85-119          |           |  |  |  |
| Chloroform                                    | 51          |  | "        | 50.0        |  | 102         | 74-131          |           |  |  |  |
| Tetrachloroethylene                           | 32          |  | "        | 50.0        |  | 64.8        | 78-133          | Low Bias  |  |  |  |
| Trichloroethylene                             | 51          |  | "        | 50.0        |  | 101         | 81-125          |           |  |  |  |
| Vinyl Chloride                                | 72          |  | "        | 50.0        |  | 145         | 42-136          | High Bias |  |  |  |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i> | <i>49.4</i> |  | <i>"</i> | <i>50.0</i> |  | <i>98.7</i> | <i>77-125</i>   |           |  |  |  |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>  | <i>52.2</i> |  | <i>"</i> | <i>50.0</i> |  | <i>104</i>  | <i>84.2-124</i> |           |  |  |  |
| <i>Surrogate: SURR: Toluene-d8</i>            | <i>50.3</i> |  | <i>"</i> | <i>50.0</i> |  | <i>101</i>  | <i>85-120</i>   |           |  |  |  |

**LCS Dup (BE40143-BSD1)**

Prepared & Analyzed: 05/02/2024

|   |             |  |          |             |  |             |                 |           |       |    |  |
|---|-------------|--|----------|-------------|--|-------------|-----------------|-----------|-------|----|--|
| 1,1-Dichloroethylene                          | 68          |  | ug/L     | 50.0        |  | 136         | 68-134          | High Bias | 5.31  | 30 |  |
| 1,2-Dichloroethane                            | 52          |  | "        | 50.0        |  | 103         | 69-133          |           | 0.405 | 30 |  |
| 1,4-Dichlorobenzene                           | 45          |  | "        | 50.0        |  | 89.3        | 82-124          |           | 3.90  | 30 |  |
| 2-Butanone                                    | 43          |  | "        | 50.0        |  | 86.2        | 44-169          |           | 5.28  | 30 |  |
| Benzene                                       | 53          |  | "        | 50.0        |  | 106         | 72-134          |           | 2.19  | 30 |  |
| Carbon tetrachloride                          | 47          |  | "        | 50.0        |  | 93.3        | 62-145          |           | 2.74  | 30 |  |
| Chlorobenzene                                 | 54          |  | "        | 50.0        |  | 109         | 85-119          |           | 2.35  | 30 |  |
| Chloroform                                    | 52          |  | "        | 50.0        |  | 104         | 74-131          |           | 1.90  | 30 |  |
| Tetrachloroethylene                           | 34          |  | "        | 50.0        |  | 67.5        | 78-133          | Low Bias  | 4.08  | 30 |  |
| Trichloroethylene                             | 53          |  | "        | 50.0        |  | 106         | 81-125          |           | 4.84  | 30 |  |
| Vinyl Chloride                                | 82          |  | "        | 50.0        |  | 163         | 42-136          | High Bias | 11.9  | 30 |  |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i> | <i>48.0</i> |  | <i>"</i> | <i>50.0</i> |  | <i>95.9</i> | <i>77-125</i>   |           |       |    |  |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>  | <i>52.2</i> |  | <i>"</i> | <i>50.0</i> |  | <i>104</i>  | <i>84.2-124</i> |           |       |    |  |
| <i>Surrogate: SURR: Toluene-d8</i>            | <i>50.9</i> |  | <i>"</i> | <i>50.0</i> |  | <i>102</i>  | <i>85-120</i>   |           |       |    |  |



**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 BE40143 - EPA 5030B/1311**

**Leach Fluid Blank (BE40143-LBK1)**

Prepared & Analyzed: 05/02/2024

|   |      |    |      |      |  |      |          |  |  |  |  |
|---|------|----|------|------|--|------|----------|--|--|--|--|
| 1,1-Dichloroethylene                          | ND   | 50 | ug/L |      |  |      |          |  |  |  |  |
| 1,2-Dichloroethane                            | ND   | 50 | "    |      |  |      |          |  |  |  |  |
| 1,4-Dichlorobenzene                           | ND   | 50 | "    |      |  |      |          |  |  |  |  |
| 2-Butanone                                    | ND   | 50 | "    |      |  |      |          |  |  |  |  |
| Benzene                                       | ND   | 50 | "    |      |  |      |          |  |  |  |  |
| Carbon tetrachloride                          | ND   | 50 | "    |      |  |      |          |  |  |  |  |
| Chlorobenzene                                 | ND   | 50 | "    |      |  |      |          |  |  |  |  |
| Chloroform                                    | ND   | 50 | "    |      |  |      |          |  |  |  |  |
| Tetrachloroethylene                           | ND   | 50 | "    |      |  |      |          |  |  |  |  |
| Trichloroethylene                             | ND   | 50 | "    |      |  |      |          |  |  |  |  |
| Vinyl Chloride                                | ND   | 50 | "    |      |  |      |          |  |  |  |  |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i> | 47.8 |    | "    | 50.0 |  | 95.5 | 77-125   |  |  |  |  |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>  | 59.8 |    | "    | 50.0 |  | 120  | 84.2-124 |  |  |  |  |
| <i>Surrogate: SURR: Toluene-d8</i>            | 52.1 |    | "    | 50.0 |  | 104  | 85-120   |  |  |  |  |





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 BD42065 - EPA 3550C

Blank (BD42065-BLK1)

Prepared: 04/27/2024 Analyzed: 04/29/2024

|                                       |    |      |           |  |  |  |  |  |  |  |  |
|---------------------------------------|----|------|-----------|--|--|--|--|--|--|--|--|
| 1,1-Biphenyl                          | ND | 41.6 | ug/kg wet |  |  |  |  |  |  |  |  |
| 1,2,4,5-Tetrachlorobenzene            | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| 1,2,4-Trichlorobenzene                | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 1,2-Dichlorobenzene                   | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 1,2-Diphenylhydrazine (as Azobenzene) | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 1,3-Dichlorobenzene                   | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 1,4-Dichlorobenzene                   | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2,3,4,6-Tetrachlorophenol             | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| 2,4,5-Trichlorophenol                 | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2,4,6-Trichlorophenol                 | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2,4-Dichlorophenol                    | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2,4-Dimethylphenol                    | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2,4-Dinitrophenol                     | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| 2,4-Dinitrotoluene                    | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2,6-Dinitrotoluene                    | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2-Chloronaphthalene                   | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2-Chlorophenol                        | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2-Methylnaphthalene                   | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2-Methylphenol                        | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2-Nitroaniline                        | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| 2-Nitrophenol                         | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 3- & 4-Methylphenols                  | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 3,3-Dichlorobenzidine                 | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 3-Nitroaniline                        | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| 4,6-Dinitro-2-methylphenol            | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| 4-Bromophenyl phenyl ether            | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 4-Chloro-3-methylphenol               | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 4-Chloroaniline                       | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 4-Chlorophenyl phenyl ether           | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 4-Nitroaniline                        | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| 4-Nitrophenol                         | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| Acenaphthene                          | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Acenaphthylene                        | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Acetophenone                          | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Aniline                               | ND | 166  | "         |  |  |  |  |  |  |  |  |
| Anthracene                            | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Atrazine                              | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzaldehyde                          | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzidine                             | ND | 166  | "         |  |  |  |  |  |  |  |  |
| Benzo(a)anthracene                    | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzo(a)pyrene                        | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzo(b)fluoranthene                  | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzo(g,h,i)perylene                  | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzo(k)fluoranthene                  | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzoic acid                          | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzyl alcohol                        | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzyl butyl phthalate                | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Bis(2-chloroethoxy)methane            | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Bis(2-chloroethyl)ether               | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Bis(2-chloroisopropyl)ether           | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Bis(2-ethylhexyl)phthalate            | ND | 41.6 | "         |  |  |  |  |  |  |  |  |



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 BD42065 - EPA 3550C

Blank (BD42065-BLK1)

Prepared: 04/27/2024 Analyzed: 04/29/2024

|                            |    |      |           |  |  |  |  |  |  |  |  |
|----------------------------|----|------|-----------|--|--|--|--|--|--|--|--|
| Caprolactam                | ND | 83.0 | ug/kg wet |  |  |  |  |  |  |  |  |
| Carbazole                  | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Chrysene                   | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Dibenzo(a,h)anthracene     | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Dibenzofuran               | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Diethyl phthalate          | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Dimethyl phthalate         | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Di-n-butyl phthalate       | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Di-n-octyl phthalate       | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Diphenylamine              | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| Fluoranthene               | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Fluorene                   | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Hexachlorobenzene          | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Hexachlorobutadiene        | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Hexachlorocyclopentadiene  | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Hexachloroethane           | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Indeno(1,2,3-cd)pyrene     | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Isophorone                 | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Naphthalene                | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Nitrobenzene               | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| N-Nitrosodimethylamine     | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| N-nitroso-di-n-propylamine | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| N-Nitrosodiphenylamine     | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Pentachlorophenol          | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Phenanthrene               | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Phenol                     | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Pyrene                     | ND | 41.6 | "         |  |  |  |  |  |  |  |  |

|                                       |      |  |   |      |  |      |        |  |  |  |  |
|---------------------------------------|------|--|---|------|--|------|--------|--|--|--|--|
| Surrogate: SURR: 2-Fluorophenol       | 1380 |  | " | 1660 |  | 82.8 | 20-108 |  |  |  |  |
| Surrogate: SURR: Phenol-d6            | 1340 |  | " | 1660 |  | 80.6 | 23-114 |  |  |  |  |
| Surrogate: SURR: Nitrobenzene-d5      | 819  |  | " | 831  |  | 98.6 | 22-108 |  |  |  |  |
| Surrogate: SURR: 2-Fluorobiphenyl     | 695  |  | " | 831  |  | 83.6 | 21-113 |  |  |  |  |
| Surrogate: SURR: 2,4,6-Tribromophenol | 1630 |  | " | 1660 |  | 98.3 | 19-110 |  |  |  |  |
| Surrogate: SURR: Terphenyl-d14        | 760  |  | " | 831  |  | 91.5 | 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 BD42065 - EPA 3550C

LCS (BD42065-BS1)

Prepared: 04/27/2024 Analyzed: 04/29/2024

|                                       |      |      |           |     |  |      |        |  |  |  |  |
|---------------------------------------|------|------|-----------|-----|--|------|--------|--|--|--|--|
| 1,1-Biphenyl                          | 708  | 41.6 | ug/kg wet | 831 |  | 85.2 | 18-111 |  |  |  |  |
| 1,2,4,5-Tetrachlorobenzene            | 669  | 83.0 | "         | 831 |  | 80.6 | 21-131 |  |  |  |  |
| 1,2,4-Trichlorobenzene                | 708  | 41.6 | "         | 831 |  | 85.3 | 10-140 |  |  |  |  |
| 1,2-Dichlorobenzene                   | 655  | 41.6 | "         | 831 |  | 78.9 | 34-108 |  |  |  |  |
| 1,2-Diphenylhydrazine (as Azobenzene) | 694  | 41.6 | "         | 831 |  | 83.6 | 17-137 |  |  |  |  |
| 1,3-Dichlorobenzene                   | 664  | 41.6 | "         | 831 |  | 80.0 | 33-110 |  |  |  |  |
| 1,4-Dichlorobenzene                   | 638  | 41.6 | "         | 831 |  | 76.8 | 32-104 |  |  |  |  |
| 2,3,4,6-Tetrachlorophenol             | 811  | 83.0 | "         | 831 |  | 97.6 | 30-130 |  |  |  |  |
| 2,4,5-Trichlorophenol                 | 749  | 41.6 | "         | 831 |  | 90.2 | 27-118 |  |  |  |  |
| 2,4,6-Trichlorophenol                 | 747  | 41.6 | "         | 831 |  | 90.0 | 31-120 |  |  |  |  |
| 2,4-Dichlorophenol                    | 798  | 41.6 | "         | 831 |  | 96.0 | 20-127 |  |  |  |  |
| 2,4-Dimethylphenol                    | 622  | 41.6 | "         | 831 |  | 74.9 | 14-132 |  |  |  |  |
| 2,4-Dinitrophenol                     | 1060 | 83.0 | "         | 831 |  | 127  | 10-171 |  |  |  |  |
| 2,4-Dinitrotoluene                    | 961  | 41.6 | "         | 831 |  | 116  | 34-131 |  |  |  |  |
| 2,6-Dinitrotoluene                    | 959  | 41.6 | "         | 831 |  | 116  | 31-128 |  |  |  |  |
| 2-Chloronaphthalene                   | 674  | 41.6 | "         | 831 |  | 81.1 | 31-117 |  |  |  |  |
| 2-Chlorophenol                        | 689  | 41.6 | "         | 831 |  | 83.0 | 33-113 |  |  |  |  |
| 2-Methylnaphthalene                   | 770  | 41.6 | "         | 831 |  | 92.8 | 12-138 |  |  |  |  |
| 2-Methylphenol                        | 689  | 41.6 | "         | 831 |  | 83.0 | 10-136 |  |  |  |  |
| 2-Nitroaniline                        | 899  | 83.0 | "         | 831 |  | 108  | 27-132 |  |  |  |  |
| 2-Nitrophenol                         | 947  | 41.6 | "         | 831 |  | 114  | 17-129 |  |  |  |  |
| 3- & 4-Methylphenols                  | 623  | 41.6 | "         | 831 |  | 75.0 | 29-103 |  |  |  |  |
| 3,3-Dichlorobenzidine                 | 670  | 41.6 | "         | 831 |  | 80.6 | 22-149 |  |  |  |  |
| 3-Nitroaniline                        | 789  | 83.0 | "         | 831 |  | 95.0 | 20-133 |  |  |  |  |
| 4,6-Dinitro-2-methylphenol            | 1080 | 83.0 | "         | 831 |  | 130  | 10-143 |  |  |  |  |
| 4-Bromophenyl phenyl ether            | 701  | 41.6 | "         | 831 |  | 84.4 | 29-120 |  |  |  |  |
| 4-Chloro-3-methylphenol               | 823  | 41.6 | "         | 831 |  | 99.1 | 24-129 |  |  |  |  |
| 4-Chloroaniline                       | 604  | 41.6 | "         | 831 |  | 72.8 | 10-132 |  |  |  |  |
| 4-Chlorophenyl phenyl ether           | 709  | 41.6 | "         | 831 |  | 85.4 | 27-124 |  |  |  |  |
| 4-Nitroaniline                        | 791  | 83.0 | "         | 831 |  | 95.3 | 16-128 |  |  |  |  |
| 4-Nitrophenol                         | 823  | 83.0 | "         | 831 |  | 99.1 | 10-141 |  |  |  |  |
| Acenaphthene                          | 689  | 41.6 | "         | 831 |  | 83.0 | 30-121 |  |  |  |  |
| Acenaphthylene                        | 641  | 41.6 | "         | 831 |  | 77.2 | 30-115 |  |  |  |  |
| Acetophenone                          | 658  | 41.6 | "         | 831 |  | 79.2 | 20-112 |  |  |  |  |
| Aniline                               | 653  | 166  | "         | 831 |  | 78.6 | 10-119 |  |  |  |  |
| Anthracene                            | 710  | 41.6 | "         | 831 |  | 85.4 | 34-118 |  |  |  |  |
| Atrazine                              | 803  | 41.6 | "         | 831 |  | 96.6 | 26-112 |  |  |  |  |
| Benzaldehyde                          | 629  | 41.6 | "         | 831 |  | 75.7 | 21-100 |  |  |  |  |
| Benzo(a)anthracene                    | 758  | 41.6 | "         | 831 |  | 91.3 | 32-122 |  |  |  |  |
| Benzo(a)pyrene                        | 739  | 41.6 | "         | 831 |  | 89.0 | 29-133 |  |  |  |  |
| Benzo(b)fluoranthene                  | 778  | 41.6 | "         | 831 |  | 93.6 | 25-133 |  |  |  |  |
| Benzo(g,h,i)perylene                  | 755  | 41.6 | "         | 831 |  | 90.9 | 10-143 |  |  |  |  |
| Benzo(k)fluoranthene                  | 727  | 41.6 | "         | 831 |  | 87.5 | 25-128 |  |  |  |  |
| Benzoic acid                          | 164  | 41.6 | "         | 831 |  | 19.7 | 10-140 |  |  |  |  |
| Benzyl alcohol                        | 689  | 41.6 | "         | 831 |  | 83.0 | 30-115 |  |  |  |  |
| Benzyl butyl phthalate                | 821  | 41.6 | "         | 831 |  | 98.8 | 26-126 |  |  |  |  |
| Bis(2-chloroethoxy)methane            | 688  | 41.6 | "         | 831 |  | 82.8 | 19-132 |  |  |  |  |
| Bis(2-chloroethyl)ether               | 570  | 41.6 | "         | 831 |  | 68.7 | 19-125 |  |  |  |  |
| Bis(2-chloroisopropyl)ether           | 551  | 41.6 | "         | 831 |  | 66.4 | 20-135 |  |  |  |  |
| Bis(2-ethylhexyl)phthalate            | 819  | 41.6 | "         | 831 |  | 98.6 | 10-155 |  |  |  |  |
| Caprolactam                           | 904  | 83.0 | "         | 831 |  | 109  | 10-127 |  |  |  |  |



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

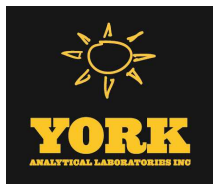
| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|----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

Batch BD42065 - EPA 3550C

LCS (BD42065-BS1)

Prepared: 04/27/2024 Analyzed: 04/29/2024

|                                       |      |      |           |      |  |      |        |  |  |  |  |
|---------------------------------------|------|------|-----------|------|--|------|--------|--|--|--|--|
| Carbazole                             | 752  | 41.6 | ug/kg wet | 831  |  | 90.6 | 35-123 |  |  |  |  |
| Chrysene                              | 720  | 41.6 | "         | 831  |  | 86.6 | 32-123 |  |  |  |  |
| Dibenzo(a,h)anthracene                | 769  | 41.6 | "         | 831  |  | 92.6 | 10-136 |  |  |  |  |
| Dibenzofuran                          | 733  | 41.6 | "         | 831  |  | 88.2 | 29-121 |  |  |  |  |
| Diethyl phthalate                     | 717  | 41.6 | "         | 831  |  | 86.4 | 34-116 |  |  |  |  |
| Dimethyl phthalate                    | 685  | 41.6 | "         | 831  |  | 82.4 | 35-124 |  |  |  |  |
| Di-n-butyl phthalate                  | 756  | 41.6 | "         | 831  |  | 91.0 | 31-116 |  |  |  |  |
| Di-n-octyl phthalate                  | 928  | 41.6 | "         | 831  |  | 112  | 26-136 |  |  |  |  |
| Diphenylamine                         | 864  | 83.0 | "         | 831  |  | 104  | 40-140 |  |  |  |  |
| Fluoranthene                          | 712  | 41.6 | "         | 831  |  | 85.7 | 33-122 |  |  |  |  |
| Fluorene                              | 725  | 41.6 | "         | 831  |  | 87.3 | 29-123 |  |  |  |  |
| Hexachlorobenzene                     | 744  | 41.6 | "         | 831  |  | 89.6 | 21-124 |  |  |  |  |
| Hexachlorobutadiene                   | 662  | 41.6 | "         | 831  |  | 79.8 | 10-149 |  |  |  |  |
| Hexachlorocyclopentadiene             | 369  | 41.6 | "         | 831  |  | 44.4 | 10-129 |  |  |  |  |
| Hexachloroethane                      | 619  | 41.6 | "         | 831  |  | 74.6 | 28-108 |  |  |  |  |
| Indeno(1,2,3-cd)pyrene                | 885  | 41.6 | "         | 831  |  | 107  | 10-135 |  |  |  |  |
| Isophorone                            | 739  | 41.6 | "         | 831  |  | 88.9 | 20-132 |  |  |  |  |
| Naphthalene                           | 693  | 41.6 | "         | 831  |  | 83.5 | 23-124 |  |  |  |  |
| Nitrobenzene                          | 743  | 41.6 | "         | 831  |  | 89.4 | 13-132 |  |  |  |  |
| N-Nitrosodimethylamine                | 633  | 41.6 | "         | 831  |  | 76.2 | 11-129 |  |  |  |  |
| N-nitroso-di-n-propylamine            | 659  | 41.6 | "         | 831  |  | 79.3 | 24-119 |  |  |  |  |
| N-Nitrosodiphenylamine                | 842  | 41.6 | "         | 831  |  | 101  | 22-152 |  |  |  |  |
| Pentachlorophenol                     | 602  | 41.6 | "         | 831  |  | 72.4 | 10-139 |  |  |  |  |
| Phenanthrene                          | 708  | 41.6 | "         | 831  |  | 85.2 | 33-123 |  |  |  |  |
| Phenol                                | 743  | 41.6 | "         | 831  |  | 89.5 | 23-115 |  |  |  |  |
| Pyrene                                | 710  | 41.6 | "         | 831  |  | 85.4 | 32-130 |  |  |  |  |
| Surrogate: SURR: 2-Fluorophenol       | 1400 |      | "         | 1660 |  | 84.3 | 20-108 |  |  |  |  |
| Surrogate: SURR: Phenol-d6            | 1380 |      | "         | 1660 |  | 83.0 | 23-114 |  |  |  |  |
| Surrogate: SURR: Nitrobenzene-d5      | 844  |      | "         | 831  |  | 102  | 22-108 |  |  |  |  |
| Surrogate: SURR: 2-Fluorobiphenyl     | 703  |      | "         | 831  |  | 84.6 | 21-113 |  |  |  |  |
| Surrogate: SURR: 2,4,6-Tribromophenol | 1640 |      | "         | 1660 |  | 98.9 | 19-110 |  |  |  |  |
| Surrogate: SURR: Terphenyl-d14        | 743  |      | "         | 831  |  | 89.4 | 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 |  |
|---------------------------------------|---|-----------------|-----------|-------------|----------------|------|---|------|-----|-----------|------|--|
| <b>Batch BD42065 - EPA 3550C</b>      |   |                 |           |             |                |      |   |      |     |           |      |  |
| <b>Matrix Spike (BD42065-MS1)</b>     | *Source sample: 24D1676-02 (Matrix Spike) |                 |           |             |                |      | Prepared: 04/27/2024 Analyzed: 04/29/2024 |      |     |           |      |  |
| 1,1-Biphenyl                          | 529                                       | 88.9            | ug/kg dry | 888         | ND             | 59.5 | 10-130                                    |      |     |           |      |  |
| 1,2,4,5-Tetrachlorobenzene            | 519                                       | 178             | "         | 888         | ND             | 58.5 | 10-133                                    |      |     |           |      |  |
| 1,2,4-Trichlorobenzene                | 557                                       | 88.9            | "         | 888         | ND             | 62.7 | 10-127                                    |      |     |           |      |  |
| 1,2-Dichlorobenzene                   | 509                                       | 88.9            | "         | 888         | ND             | 57.3 | 14-111                                    |      |     |           |      |  |
| 1,2-Diphenylhydrazine (as Azobenzene) | 514                                       | 88.9            | "         | 888         | ND             | 57.9 | 10-144                                    |      |     |           |      |  |
| 1,3-Dichlorobenzene                   | 517                                       | 88.9            | "         | 888         | ND             | 58.2 | 11-111                                    |      |     |           |      |  |
| 1,4-Dichlorobenzene                   | 509                                       | 88.9            | "         | 888         | ND             | 57.4 | 10-106                                    |      |     |           |      |  |
| 2,3,4,6-Tetrachlorophenol             | 536                                       | 178             | "         | 888         | ND             | 60.3 | 30-130                                    |      |     |           |      |  |
| 2,4,5-Trichlorophenol                 | 522                                       | 88.9            | "         | 888         | ND             | 58.8 | 10-127                                    |      |     |           |      |  |
| 2,4,6-Trichlorophenol                 | 561                                       | 88.9            | "         | 888         | ND             | 63.2 | 10-132                                    |      |     |           |      |  |
| 2,4-Dichlorophenol                    | 612                                       | 88.9            | "         | 888         | ND             | 68.9 | 10-128                                    |      |     |           |      |  |
| 2,4-Dimethylphenol                    | 481                                       | 88.9            | "         | 888         | ND             | 54.2 | 10-137                                    |      |     |           |      |  |
| 2,4-Dinitrophenol                     | 179                                       | 178             | "         | 888         | ND             | 20.2 | 10-171                                    |      |     |           |      |  |
| 2,4-Dinitrotoluene                    | 678                                       | 88.9            | "         | 888         | ND             | 76.4 | 16-135                                    |      |     |           |      |  |
| 2,6-Dinitrotoluene                    | 636                                       | 88.9            | "         | 888         | ND             | 71.7 | 18-131                                    |      |     |           |      |  |
| 2-Chloronaphthalene                   | 499                                       | 88.9            | "         | 888         | ND             | 56.2 | 10-129                                    |      |     |           |      |  |
| 2-Chlorophenol                        | 542                                       | 88.9            | "         | 888         | ND             | 61.0 | 15-116                                    |      |     |           |      |  |
| 2-Methylnaphthalene                   | 597                                       | 88.9            | "         | 888         | ND             | 67.2 | 10-147                                    |      |     |           |      |  |
| 2-Methylphenol                        | 544                                       | 88.9            | "         | 888         | ND             | 61.3 | 10-136                                    |      |     |           |      |  |
| 2-Nitroaniline                        | 654                                       | 178             | "         | 888         | ND             | 73.7 | 10-137                                    |      |     |           |      |  |
| 2-Nitrophenol                         | 715                                       | 88.9            | "         | 888         | ND             | 80.5 | 10-129                                    |      |     |           |      |  |
| 3- & 4-Methylphenols                  | 488                                       | 88.9            | "         | 888         | ND             | 55.0 | 10-123                                    |      |     |           |      |  |
| 3,3-Dichlorobenzidine                 | 374                                       | 88.9            | "         | 888         | ND             | 42.1 | 10-155                                    |      |     |           |      |  |
| 3-Nitroaniline                        | 538                                       | 178             | "         | 888         | ND             | 60.6 | 12-133                                    |      |     |           |      |  |
| 4,6-Dinitro-2-methylphenol            | 450                                       | 178             | "         | 888         | ND             | 50.6 | 10-155                                    |      |     |           |      |  |
| 4-Bromophenyl phenyl ether            | 508                                       | 88.9            | "         | 888         | ND             | 57.2 | 14-128                                    |      |     |           |      |  |
| 4-Chloro-3-methylphenol               | 634                                       | 88.9            | "         | 888         | ND             | 71.4 | 10-134                                    |      |     |           |      |  |
| 4-Chloroaniline                       | 440                                       | 88.9            | "         | 888         | ND             | 49.6 | 10-145                                    |      |     |           |      |  |
| 4-Chlorophenyl phenyl ether           | 536                                       | 88.9            | "         | 888         | ND             | 60.4 | 14-130                                    |      |     |           |      |  |
| 4-Nitroaniline                        | 565                                       | 178             | "         | 888         | ND             | 63.7 | 10-147                                    |      |     |           |      |  |
| 4-Nitrophenol                         | 569                                       | 178             | "         | 888         | ND             | 64.1 | 10-137                                    |      |     |           |      |  |
| Acenaphthene                          | 538                                       | 88.9            | "         | 888         | ND             | 60.6 | 10-146                                    |      |     |           |      |  |
| Acenaphthylene                        | 496                                       | 88.9            | "         | 888         | 53.8           | 49.8 | 10-134                                    |      |     |           |      |  |
| Acetophenone                          | 519                                       | 88.9            | "         | 888         | ND             | 58.4 | 10-116                                    |      |     |           |      |  |
| Aniline                               | 433                                       | 356             | "         | 888         | ND             | 48.8 | 10-123                                    |      |     |           |      |  |
| Anthracene                            | 587                                       | 88.9            | "         | 888         | 72.2           | 57.9 | 10-142                                    |      |     |           |      |  |
| Atrazine                              | 591                                       | 88.9            | "         | 888         | ND             | 66.6 | 19-115                                    |      |     |           |      |  |
| Benzaldehyde                          | 524                                       | 88.9            | "         | 888         | ND             | 59.0 | 10-125                                    |      |     |           |      |  |
| Benzo(a)anthracene                    | 724                                       | 88.9            | "         | 888         | 235            | 55.0 | 10-158                                    |      |     |           |      |  |
| Benzo(a)pyrene                        | 723                                       | 88.9            | "         | 888         | 224            | 56.2 | 10-180                                    |      |     |           |      |  |
| Benzo(b)fluoranthene                  | 714                                       | 88.9            | "         | 888         | 202            | 57.6 | 10-200                                    |      |     |           |      |  |
| Benzo(g,h,i)perylene                  | 654                                       | 88.9            | "         | 888         | 163            | 55.3 | 10-138                                    |      |     |           |      |  |
| Benzo(k)fluoranthene                  | 683                                       | 88.9            | "         | 888         | 201            | 54.2 | 10-197                                    |      |     |           |      |  |
| Benzoic acid                          | ND  | 88.9            | "         | 888         | ND             |      | 10-166                                    |      |     | Low Bias  |      |  |
| Benzyl alcohol                        | 525                                       | 88.9            | "         | 888         | ND             | 59.1 | 12-124                                    |      |     |           |      |  |
| Benzyl butyl phthalate                | 2040                                      | 88.9            | "         | 888         | ND             | 230  | 10-154                                    |      |     | High Bias |      |  |
| Bis(2-chloroethoxy)methane            | 516                                       | 88.9            | "         | 888         | ND             | 58.1 | 10-132                                    |      |     |           |      |  |
| Bis(2-chloroethyl)ether               | 466                                       | 88.9            | "         | 888         | ND             | 52.5 | 10-119                                    |      |     |           |      |  |
| Bis(2-chloroisopropyl)ether           | 445                                       | 88.9            | "         | 888         | ND             | 50.1 | 10-139                                    |      |     |           |      |  |
| Bis(2-ethylhexyl)phthalate            | 644                                       | 88.9            | "         | 888         | ND             | 72.6 | 10-167                                    |      |     |           |      |  |
| Caprolactam                           | 659                                       | 178             | "         | 888         | ND             | 74.2 | 10-132                                    |      |     |           |      |  |



Semivolatile Organic Compounds by GC/MS - Quality Control Data

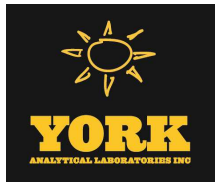
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| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|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

Batch BD42065 - EPA 3550C

Matrix Spike (BD42065-MS1) \*Source sample: 24D1676-02 (Matrix Spike) Prepared: 04/27/2024 Analyzed: 04/29/2024

|                                       |      |      |           |      |      |      |        |  |  |  |  |
|---------------------------------------|------|------|-----------|------|------|------|--------|--|--|--|--|
| Carbazole                             | 594  | 88.9 | ug/kg dry | 888  | 46.7 | 61.6 | 10-167 |  |  |  |  |
| Chrysene                              | 707  | 88.9 | "         | 888  | 232  | 53.4 | 10-156 |  |  |  |  |
| Dibenzo(a,h)anthracene                | 619  | 88.9 | "         | 888  | 51.7 | 63.9 | 10-137 |  |  |  |  |
| Dibenzofuran                          | 558  | 88.9 | "         | 888  | ND   | 62.9 | 10-147 |  |  |  |  |
| Diethyl phthalate                     | 525  | 88.9 | "         | 888  | ND   | 59.1 | 20-120 |  |  |  |  |
| Dimethyl phthalate                    | 495  | 88.9 | "         | 888  | ND   | 55.8 | 18-131 |  |  |  |  |
| Di-n-butyl phthalate                  | 568  | 88.9 | "         | 888  | ND   | 64.0 | 10-137 |  |  |  |  |
| Di-n-octyl phthalate                  | 687  | 88.9 | "         | 888  | ND   | 77.4 | 10-180 |  |  |  |  |
| Diphenylamine                         | 630  | 178  | "         | 888  | ND   | 71.0 | 40-140 |  |  |  |  |
| Fluoranthene                          | 889  | 88.9 | "         | 888  | 469  | 47.3 | 10-160 |  |  |  |  |
| Fluorene                              | 563  | 88.9 | "         | 888  | ND   | 63.4 | 10-157 |  |  |  |  |
| Hexachlorobenzene                     | 585  | 88.9 | "         | 888  | ND   | 65.8 | 10-137 |  |  |  |  |
| Hexachlorobutadiene                   | 526  | 88.9 | "         | 888  | ND   | 59.3 | 10-132 |  |  |  |  |
| Hexachlorocyclopentadiene             | 238  | 88.9 | "         | 888  | ND   | 26.8 | 10-106 |  |  |  |  |
| Hexachloroethane                      | 497  | 88.9 | "         | 888  | ND   | 55.9 | 10-110 |  |  |  |  |
| Indeno(1,2,3-cd)pyrene                | 785  | 88.9 | "         | 888  | 180  | 68.1 | 10-144 |  |  |  |  |
| Isophorone                            | 543  | 88.9 | "         | 888  | ND   | 61.2 | 10-132 |  |  |  |  |
| Naphthalene                           | 581  | 88.9 | "         | 888  | ND   | 65.4 | 10-141 |  |  |  |  |
| Nitrobenzene                          | 581  | 88.9 | "         | 888  | ND   | 65.4 | 10-131 |  |  |  |  |
| N-Nitrosodimethylamine                | 489  | 88.9 | "         | 888  | ND   | 55.0 | 10-126 |  |  |  |  |
| N-nitroso-di-n-propylamine            | 506  | 88.9 | "         | 888  | ND   | 57.0 | 10-125 |  |  |  |  |
| N-Nitrosodiphenylamine                | 642  | 88.9 | "         | 888  | ND   | 72.3 | 10-177 |  |  |  |  |
| Pentachlorophenol                     | 317  | 88.9 | "         | 888  | ND   | 35.7 | 10-153 |  |  |  |  |
| Phenanthrene                          | 726  | 88.9 | "         | 888  | 329  | 44.8 | 10-148 |  |  |  |  |
| Phenol                                | 577  | 88.9 | "         | 888  | ND   | 65.0 | 10-126 |  |  |  |  |
| Pyrene                                | 811  | 88.9 | "         | 888  | 397  | 46.7 | 10-165 |  |  |  |  |
| Surrogate: SURR: 2-Fluorophenol       | 1060 |      | "         | 1780 |      | 59.8 | 20-108 |  |  |  |  |
| Surrogate: SURR: Phenol-d6            | 1090 |      | "         | 1780 |      | 61.3 | 23-114 |  |  |  |  |
| Surrogate: SURR: Nitrobenzene-d5      | 632  |      | "         | 888  |      | 71.1 | 22-108 |  |  |  |  |
| Surrogate: SURR: 2-Fluorobiphenyl     | 506  |      | "         | 888  |      | 57.0 | 21-113 |  |  |  |  |
| Surrogate: SURR: 2,4,6-Tribromophenol | 1210 |      | "         | 1780 |      | 67.9 | 19-110 |  |  |  |  |
| Surrogate: SURR: Terphenyl-d14        | 536  |      | "         | 888  |      | 60.4 | 24-116 |  |  |  |  |



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte                                | Result   | Reporting | Units     | Spike | Source* | %REC | %REC   | Limits                                    | Flag  | RPD  |          |
|--|--|-----------|-----------|-------|---------|------|--------|---|-------|------|----------|
|  |  | Limit     |           |       | Result  |      |        |   |       | %REC | RPD      |
| <b>Batch BD42065 - EPA 3550C</b>       |  |           |           |       |         |      |        |   |       |      |          |
| <b>Matrix Spike Dup (BD42065-MSD1)</b> | <b>*Source sample: 24D1676-02 (Matrix Spike Dup)</b> |           |           |       |         |      |        | Prepared: 04/27/2024 Analyzed: 04/29/2024 |       |      |          |
| 1,1-Biphenyl                           | 502  | 88.9      | ug/kg dry | 888   | ND      | 56.5 | 10-130 |   | 5.24  | 30   |          |
| 1,2,4,5-Tetrachlorobenzene             | 504  | 178       | "         | 888   | ND      | 56.7 | 10-133 |   | 3.06  | 30   |          |
| 1,2,4-Trichlorobenzene                 | 529  | 88.9      | "         | 888   | ND      | 59.5 | 10-127 |   | 5.24  | 30   |          |
| 1,2-Dichlorobenzene                    | 513  | 88.9      | "         | 888   | ND      | 57.8 | 14-111 |   | 0.834 | 30   |          |
| 1,2-Diphenylhydrazine (as Azobenzene)  | 463  | 88.9      | "         | 888   | ND      | 52.2 | 10-144 |   | 10.5  | 30   |          |
| 1,3-Dichlorobenzene                    | 514  | 88.9      | "         | 888   | ND      | 57.8 | 11-111 |   | 0.689 | 30   |          |
| 1,4-Dichlorobenzene                    | 513  | 88.9      | "         | 888   | ND      | 57.8 | 10-106 |   | 0.695 | 30   |          |
| 2,3,4,6-Tetrachlorophenol              | 539  | 178       | "         | 888   | ND      | 60.7 | 30-130 |   | 0.661 | 30   |          |
| 2,4,5-Trichlorophenol                  | 531  | 88.9      | "         | 888   | ND      | 59.8 | 10-127 |   | 1.62  | 30   |          |
| 2,4,6-Trichlorophenol                  | 536  | 88.9      | "         | 888   | ND      | 60.4 | 10-132 |   | 4.53  | 30   |          |
| 2,4-Dichlorophenol                     | 588  | 88.9      | "         | 888   | ND      | 66.2 | 10-128 |   | 3.91  | 30   |          |
| 2,4-Dimethylphenol                     | 452  | 88.9      | "         | 888   | ND      | 50.9 | 10-137 |   | 6.25  | 30   |          |
| 2,4-Dinitrophenol                      | ND   | 178       | "         | 888   | ND      |      | 10-171 | Low Bias                                  |       | 30   |          |
| 2,4-Dinitrotoluene                     | 639  | 88.9      | "         | 888   | ND      | 71.9 | 16-135 |   | 6.04  | 30   |          |
| 2,6-Dinitrotoluene                     | 656  | 88.9      | "         | 888   | ND      | 73.9 | 18-131 |   | 3.08  | 30   |          |
| 2-Chloronaphthalene                    | 479  | 88.9      | "         | 888   | ND      | 53.9 | 10-129 |   | 4.21  | 30   |          |
| 2-Chlorophenol                         | 575  | 88.9      | "         | 888   | ND      | 64.8 | 15-116 |   | 5.98  | 30   |          |
| 2-Methylnaphthalene                    | 595  | 88.9      | "         | 888   | ND      | 67.0 | 10-147 |   | 0.358 | 30   |          |
| 2-Methylphenol                         | 547  | 88.9      | "         | 888   | ND      | 61.6 | 10-136 |   | 0.521 | 30   |          |
| 2-Nitroaniline                         | 628  | 178       | "         | 888   | ND      | 70.7 | 10-137 |   | 4.10  | 30   |          |
| 2-Nitrophenol                          | 732  | 88.9      | "         | 888   | ND      | 82.5 | 10-129 |   | 2.45  | 30   |          |
| 3- & 4-Methylphenols                   | 485  | 88.9      | "         | 888   | ND      | 54.6 | 10-123 |   | 0.584 | 30   |          |
| 3,3-Dichlorobenzidine                  | 370  | 88.9      | "         | 888   | ND      | 41.7 | 10-155 |   | 0.955 | 30   |          |
| 3-Nitroaniline                         | 533  | 178       | "         | 888   | ND      | 60.0 | 12-133 |   | 0.929 | 30   |          |
| 4,6-Dinitro-2-methylphenol             | 274  | 178       | "         | 888   | ND      | 30.9 | 10-155 |   | 48.5  | 30   | Non-dir. |
| 4-Bromophenyl phenyl ether             | 475  | 88.9      | "         | 888   | ND      | 53.5 | 14-128 |   | 6.65  | 30   |          |
| 4-Chloro-3-methylphenol                | 593  | 88.9      | "         | 888   | ND      | 66.8 | 10-134 |   | 6.71  | 30   |          |
| 4-Chloroaniline                        | 445  | 88.9      | "         | 888   | ND      | 50.1 | 10-145 |   | 0.963 | 30   |          |
| 4-Chlorophenyl phenyl ether            | 506  | 88.9      | "         | 888   | ND      | 57.0 | 14-130 |   | 5.72  | 30   |          |
| 4-Nitroaniline                         | 530  | 178       | "         | 888   | ND      | 59.7 | 10-147 |   | 6.49  | 30   |          |
| 4-Nitrophenol                          | 533  | 178       | "         | 888   | ND      | 60.0 | 10-137 |   | 6.58  | 30   |          |
| Acenaphthene                           | 510  | 88.9      | "         | 888   | ND      | 57.4 | 10-146 |   | 5.42  | 30   |          |
| Acenaphthylene                         | 465  | 88.9      | "         | 888   | 53.8    | 46.3 | 10-134 |   | 6.36  | 30   |          |
| Acetophenone                           | 531  | 88.9      | "         | 888   | ND      | 59.8 | 10-116 |   | 2.30  | 30   |          |
| Aniline                                | 455  | 356       | "         | 888   | ND      | 51.3 | 10-123 |   | 4.96  | 30   |          |
| Anthracene                             | 521  | 88.9      | "         | 888   | 72.2    | 50.6 | 10-142 |   | 11.8  | 30   |          |
| Atrazine                               | 533  | 88.9      | "         | 888   | ND      | 60.0 | 19-115 |   | 10.4  | 30   |          |
| Benzaldehyde                           | 517  | 88.9      | "         | 888   | ND      | 58.2 | 10-125 |   | 1.36  | 30   |          |
| Benzo(a)anthracene                     | 605  | 88.9      | "         | 888   | 235     | 41.6 | 10-158 |   | 18.0  | 30   |          |
| Benzo(a)pyrene                         | 601  | 88.9      | "         | 888   | 224     | 42.5 | 10-180 |   | 18.5  | 30   |          |
| Benzo(b)fluoranthene                   | 613  | 88.9      | "         | 888   | 202     | 46.2 | 10-200 |   | 15.2  | 30   |          |
| Benzo(g,h,i)perylene                   | 552  | 88.9      | "         | 888   | 163     | 43.8 | 10-138 |   | 16.9  | 30   |          |
| Benzo(k)fluoranthene                   | 580  | 88.9      | "         | 888   | 201     | 42.7 | 10-197 |   | 16.2  | 30   |          |
| Benzoic acid                           | ND   | 88.9      | "         | 888   | ND      |      | 10-166 | Low Bias                                  |       | 30   |          |
| Benzyl alcohol                         | 519  | 88.9      | "         | 888   | ND      | 58.4 | 12-124 |   | 1.23  | 30   |          |
| Benzyl butyl phthalate                 | 562  | 88.9      | "         | 888   | ND      | 63.3 | 10-154 |   | 114   | 30   | Non-dir. |
| Bis(2-chloroethoxy)methane             | 490  | 88.9      | "         | 888   | ND      | 55.2 | 10-132 |   | 5.08  | 30   |          |
| Bis(2-chloroethyl)ether                | 474  | 88.9      | "         | 888   | ND      | 53.4 | 10-119 |   | 1.66  | 30   |          |
| Bis(2-chloroisopropyl)ether            | 446  | 88.9      | "         | 888   | ND      | 50.2 | 10-139 |   | 0.319 | 30   |          |
| Bis(2-ethylhexyl)phthalate             | 607  | 88.9      | "         | 888   | ND      | 68.3 | 10-167 |   | 6.02  | 30   |          |
| Caprolactam                            | 621  | 178       | "         | 888   | ND      | 69.9 | 10-132 |   | 5.99  | 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 BD42065 - EPA 3550C

Matrix Spike Dup (BD42065-MSD1) \*Source sample: 24D1676-02 (Matrix Spike Dup) Prepared: 04/27/2024 Analyzed: 04/29/2024

|                                       |      |      |           |      |      |      |        |  |      |    |  |
|---------------------------------------|------|------|-----------|------|------|------|--------|--|------|----|--|
| Carbazole                             | 532  | 88.9 | ug/kg dry | 888  | 46.7 | 54.7 | 10-167 |  | 11.0 | 30 |  |
| Chrysene                              | 563  | 88.9 | "         | 888  | 232  | 37.3 | 10-156 |  | 22.6 | 30 |  |
| Dibenzo(a,h)anthracene                | 535  | 88.9 | "         | 888  | 51.7 | 54.4 | 10-137 |  | 14.5 | 30 |  |
| Dibenzofuran                          | 512  | 88.9 | "         | 888  | ND   | 57.7 | 10-147 |  | 8.63 | 30 |  |
| Diethyl phthalate                     | 494  | 88.9 | "         | 888  | ND   | 55.6 | 20-120 |  | 6.14 | 30 |  |
| Dimethyl phthalate                    | 464  | 88.9 | "         | 888  | ND   | 52.2 | 18-131 |  | 6.52 | 30 |  |
| Di-n-butyl phthalate                  | 543  | 88.9 | "         | 888  | ND   | 61.1 | 10-137 |  | 4.60 | 30 |  |
| Di-n-octyl phthalate                  | 652  | 88.9 | "         | 888  | ND   | 73.4 | 10-180 |  | 5.20 | 30 |  |
| Diphenylamine                         | 589  | 178  | "         | 888  | ND   | 66.3 | 40-140 |  | 6.76 | 30 |  |
| Fluoranthene                          | 673  | 88.9 | "         | 888  | 469  | 23.0 | 10-160 |  | 27.7 | 30 |  |
| Fluorene                              | 521  | 88.9 | "         | 888  | ND   | 58.7 | 10-157 |  | 7.60 | 30 |  |
| Hexachlorobenzene                     | 551  | 88.9 | "         | 888  | ND   | 62.0 | 10-137 |  | 6.01 | 30 |  |
| Hexachlorobutadiene                   | 504  | 88.9 | "         | 888  | ND   | 56.8 | 10-132 |  | 4.27 | 30 |  |
| Hexachlorocyclopentadiene             | 180  | 88.9 | "         | 888  | ND   | 20.2 | 10-106 |  | 27.9 | 30 |  |
| Hexachloroethane                      | 497  | 88.9 | "         | 888  | ND   | 55.9 | 10-110 |  | 0.00 | 30 |  |
| Indeno(1,2,3-cd)pyrene                | 653  | 88.9 | "         | 888  | 180  | 53.3 | 10-144 |  | 18.4 | 30 |  |
| Isophorone                            | 530  | 88.9 | "         | 888  | ND   | 59.7 | 10-132 |  | 2.51 | 30 |  |
| Naphthalene                           | 535  | 88.9 | "         | 888  | ND   | 60.2 | 10-141 |  | 8.27 | 30 |  |
| Nitrobenzene                          | 568  | 88.9 | "         | 888  | ND   | 63.9 | 10-131 |  | 2.35 | 30 |  |
| N-Nitrosodimethylamine                | 497  | 88.9 | "         | 888  | ND   | 56.0 | 10-126 |  | 1.73 | 30 |  |
| N-nitroso-di-n-propylamine            | 523  | 88.9 | "         | 888  | ND   | 58.9 | 10-125 |  | 3.17 | 30 |  |
| N-Nitrosodiphenylamine                | 565  | 88.9 | "         | 888  | ND   | 63.7 | 10-177 |  | 12.7 | 30 |  |
| Pentachlorophenol                     | 286  | 88.9 | "         | 888  | ND   | 32.2 | 10-153 |  | 10.4 | 30 |  |
| Phenanthrene                          | 569  | 88.9 | "         | 888  | 329  | 27.1 | 10-148 |  | 24.2 | 30 |  |
| Phenol                                | 558  | 88.9 | "         | 888  | ND   | 62.8 | 10-126 |  | 3.38 | 30 |  |
| Pyrene                                | 608  | 88.9 | "         | 888  | 397  | 23.8 | 10-165 |  | 28.6 | 30 |  |
| Surrogate: SURR: 2-Fluorophenol       | 1090 |      | "         | 1780 |      | 61.6 | 20-108 |  |      |    |  |
| Surrogate: SURR: Phenol-d6            | 1080 |      | "         | 1780 |      | 61.0 | 23-114 |  |      |    |  |
| Surrogate: SURR: Nitrobenzene-d5      | 626  |      | "         | 888  |      | 70.5 | 22-108 |  |      |    |  |
| Surrogate: SURR: 2-Fluorobiphenyl     | 494  |      | "         | 888  |      | 55.6 | 21-113 |  |      |    |  |
| Surrogate: SURR: 2,4,6-Tribromophenol | 1090 |      | "         | 1780 |      | 61.6 | 19-110 |  |      |    |  |
| Surrogate: SURR: Terphenyl-d14        | 505  |      | "         | 888  |      | 56.9 | 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 BD42068 - EPA 3550C

Blank (BD42068-BLK1)

Prepared: 04/27/2024 Analyzed: 04/29/2024

|                                       |    |      |           |  |  |  |  |  |  |  |  |
|---------------------------------------|----|------|-----------|--|--|--|--|--|--|--|--|
| 1,1-Biphenyl                          | ND | 41.6 | ug/kg wet |  |  |  |  |  |  |  |  |
| 1,2,4,5-Tetrachlorobenzene            | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| 1,2,4-Trichlorobenzene                | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 1,2-Dichlorobenzene                   | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 1,2-Diphenylhydrazine (as Azobenzene) | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 1,3-Dichlorobenzene                   | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 1,4-Dichlorobenzene                   | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2,3,4,6-Tetrachlorophenol             | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| 2,4,5-Trichlorophenol                 | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2,4,6-Trichlorophenol                 | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2,4-Dichlorophenol                    | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2,4-Dimethylphenol                    | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2,4-Dinitrophenol                     | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| 2,4-Dinitrotoluene                    | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2,6-Dinitrotoluene                    | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2-Chloronaphthalene                   | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2-Chlorophenol                        | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2-Methylnaphthalene                   | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2-Methylphenol                        | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 2-Nitroaniline                        | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| 2-Nitrophenol                         | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 3- & 4-Methylphenols                  | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 3,3-Dichlorobenzidine                 | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 3-Nitroaniline                        | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| 4,6-Dinitro-2-methylphenol            | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| 4-Bromophenyl phenyl ether            | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 4-Chloro-3-methylphenol               | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 4-Chloroaniline                       | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 4-Chlorophenyl phenyl ether           | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| 4-Nitroaniline                        | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| 4-Nitrophenol                         | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| Acenaphthene                          | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Acenaphthylene                        | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Acetophenone                          | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Aniline                               | ND | 166  | "         |  |  |  |  |  |  |  |  |
| Anthracene                            | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Atrazine                              | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzaldehyde                          | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzidine                             | ND | 166  | "         |  |  |  |  |  |  |  |  |
| Benzo(a)anthracene                    | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzo(a)pyrene                        | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzo(b)fluoranthene                  | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzo(g,h,i)perylene                  | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzo(k)fluoranthene                  | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzoic acid                          | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzyl alcohol                        | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Benzyl butyl phthalate                | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Bis(2-chloroethoxy)methane            | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Bis(2-chloroethyl)ether               | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Bis(2-chloroisopropyl)ether           | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Bis(2-ethylhexyl)phthalate            | ND | 41.6 | "         |  |  |  |  |  |  |  |  |



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 BD42068 - EPA 3550C

Blank (BD42068-BLK1)

Prepared: 04/27/2024 Analyzed: 04/29/2024

|                            |    |      |           |  |  |  |  |  |  |  |  |
|----------------------------|----|------|-----------|--|--|--|--|--|--|--|--|
| Caprolactam                | ND | 83.0 | ug/kg wet |  |  |  |  |  |  |  |  |
| Carbazole                  | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Chrysene                   | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Dibenzo(a,h)anthracene     | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Dibenzofuran               | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Diethyl phthalate          | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Dimethyl phthalate         | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Di-n-butyl phthalate       | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Di-n-octyl phthalate       | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Diphenylamine              | ND | 83.0 | "         |  |  |  |  |  |  |  |  |
| Fluoranthene               | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Fluorene                   | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Hexachlorobenzene          | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Hexachlorobutadiene        | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Hexachlorocyclopentadiene  | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Hexachloroethane           | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Indeno(1,2,3-cd)pyrene     | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Isophorone                 | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Naphthalene                | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Nitrobenzene               | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| N-Nitrosodimethylamine     | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| N-nitroso-di-n-propylamine | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| N-Nitrosodiphenylamine     | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Pentachlorophenol          | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Phenanthrene               | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Phenol                     | ND | 41.6 | "         |  |  |  |  |  |  |  |  |
| Pyrene                     | ND | 41.6 | "         |  |  |  |  |  |  |  |  |

|                                       |      |  |   |      |  |      |        |  |  |  |  |
|---------------------------------------|------|--|---|------|--|------|--------|--|--|--|--|
| Surrogate: SURR: 2-Fluorophenol       | 1310 |  | " | 1660 |  | 78.7 | 20-108 |  |  |  |  |
| Surrogate: SURR: Phenol-d6            | 1260 |  | " | 1660 |  | 75.6 | 23-114 |  |  |  |  |
| Surrogate: SURR: Nitrobenzene-d5      | 769  |  | " | 831  |  | 92.6 | 22-108 |  |  |  |  |
| Surrogate: SURR: 2-Fluorobiphenyl     | 607  |  | " | 831  |  | 73.1 | 21-113 |  |  |  |  |
| Surrogate: SURR: 2,4,6-Tribromophenol | 1430 |  | " | 1660 |  | 86.0 | 19-110 |  |  |  |  |
| Surrogate: SURR: Terphenyl-d14        | 708  |  | " | 831  |  | 85.2 | 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 BD42068 - EPA 3550C

LCS (BD42068-BS1)

Prepared: 04/27/2024 Analyzed: 04/29/2024

|                                       |     |      |           |     |  |      |        |  |  |  |  |
|---------------------------------------|-----|------|-----------|-----|--|------|--------|--|--|--|--|
| 1,1-Biphenyl                          | 702 | 41.6 | ug/kg wet | 831 |  | 84.5 | 18-111 |  |  |  |  |
| 1,2,4,5-Tetrachlorobenzene            | 679 | 83.0 | "         | 831 |  | 81.7 | 21-131 |  |  |  |  |
| 1,2,4-Trichlorobenzene                | 727 | 41.6 | "         | 831 |  | 87.5 | 10-140 |  |  |  |  |
| 1,2-Dichlorobenzene                   | 662 | 41.6 | "         | 831 |  | 79.8 | 34-108 |  |  |  |  |
| 1,2-Diphenylhydrazine (as Azobenzene) | 686 | 41.6 | "         | 831 |  | 82.6 | 17-137 |  |  |  |  |
| 1,3-Dichlorobenzene                   | 653 | 41.6 | "         | 831 |  | 78.6 | 33-110 |  |  |  |  |
| 1,4-Dichlorobenzene                   | 644 | 41.6 | "         | 831 |  | 77.6 | 32-104 |  |  |  |  |
| 2,3,4,6-Tetrachlorophenol             | 794 | 83.0 | "         | 831 |  | 95.6 | 30-130 |  |  |  |  |
| 2,4,5-Trichlorophenol                 | 716 | 41.6 | "         | 831 |  | 86.2 | 27-118 |  |  |  |  |
| 2,4,6-Trichlorophenol                 | 758 | 41.6 | "         | 831 |  | 91.2 | 31-120 |  |  |  |  |
| 2,4-Dichlorophenol                    | 786 | 41.6 | "         | 831 |  | 94.6 | 20-127 |  |  |  |  |
| 2,4-Dimethylphenol                    | 614 | 41.6 | "         | 831 |  | 73.9 | 14-132 |  |  |  |  |
| 2,4-Dinitrophenol                     | 176 | 83.0 | "         | 831 |  | 21.2 | 10-171 |  |  |  |  |
| 2,4-Dinitrotoluene                    | 882 | 41.6 | "         | 831 |  | 106  | 34-131 |  |  |  |  |
| 2,6-Dinitrotoluene                    | 859 | 41.6 | "         | 831 |  | 103  | 31-128 |  |  |  |  |
| 2-Chloronaphthalene                   | 656 | 41.6 | "         | 831 |  | 79.0 | 31-117 |  |  |  |  |
| 2-Chlorophenol                        | 701 | 41.6 | "         | 831 |  | 84.4 | 33-113 |  |  |  |  |
| 2-Methylnaphthalene                   | 780 | 41.6 | "         | 831 |  | 93.9 | 12-138 |  |  |  |  |
| 2-Methylphenol                        | 678 | 41.6 | "         | 831 |  | 81.6 | 10-136 |  |  |  |  |
| 2-Nitroaniline                        | 886 | 83.0 | "         | 831 |  | 107  | 27-132 |  |  |  |  |
| 2-Nitrophenol                         | 952 | 41.6 | "         | 831 |  | 115  | 17-129 |  |  |  |  |
| 3- & 4-Methylphenols                  | 599 | 41.6 | "         | 831 |  | 72.1 | 29-103 |  |  |  |  |
| 3,3-Dichlorobenzidine                 | 729 | 41.6 | "         | 831 |  | 87.8 | 22-149 |  |  |  |  |
| 3-Nitroaniline                        | 819 | 83.0 | "         | 831 |  | 98.6 | 20-133 |  |  |  |  |
| 4,6-Dinitro-2-methylphenol            | 275 | 83.0 | "         | 831 |  | 33.1 | 10-143 |  |  |  |  |
| 4-Bromophenyl phenyl ether            | 686 | 41.6 | "         | 831 |  | 82.6 | 29-120 |  |  |  |  |
| 4-Chloro-3-methylphenol               | 797 | 41.6 | "         | 831 |  | 95.9 | 24-129 |  |  |  |  |
| 4-Chloroaniline                       | 630 | 41.6 | "         | 831 |  | 75.8 | 10-132 |  |  |  |  |
| 4-Chlorophenyl phenyl ether           | 705 | 41.6 | "         | 831 |  | 84.9 | 27-124 |  |  |  |  |
| 4-Nitroaniline                        | 863 | 83.0 | "         | 831 |  | 104  | 16-128 |  |  |  |  |
| 4-Nitrophenol                         | 829 | 83.0 | "         | 831 |  | 99.8 | 10-141 |  |  |  |  |
| Acenaphthene                          | 684 | 41.6 | "         | 831 |  | 82.4 | 30-121 |  |  |  |  |
| Acenaphthylene                        | 632 | 41.6 | "         | 831 |  | 76.0 | 30-115 |  |  |  |  |
| Acetophenone                          | 658 | 41.6 | "         | 831 |  | 79.2 | 20-112 |  |  |  |  |
| Aniline                               | 648 | 166  | "         | 831 |  | 78.0 | 10-119 |  |  |  |  |
| Anthracene                            | 708 | 41.6 | "         | 831 |  | 85.2 | 34-118 |  |  |  |  |
| Atrazine                              | 781 | 41.6 | "         | 831 |  | 94.0 | 26-112 |  |  |  |  |
| Benzaldehyde                          | 620 | 41.6 | "         | 831 |  | 74.6 | 21-100 |  |  |  |  |
| Benzo(a)anthracene                    | 772 | 41.6 | "         | 831 |  | 93.0 | 32-122 |  |  |  |  |
| Benzo(a)pyrene                        | 764 | 41.6 | "         | 831 |  | 92.0 | 29-133 |  |  |  |  |
| Benzo(b)fluoranthene                  | 782 | 41.6 | "         | 831 |  | 94.2 | 25-133 |  |  |  |  |
| Benzo(g,h,i)perylene                  | 705 | 41.6 | "         | 831 |  | 84.9 | 10-143 |  |  |  |  |
| Benzo(k)fluoranthene                  | 755 | 41.6 | "         | 831 |  | 90.9 | 25-128 |  |  |  |  |
| Benzoic acid                          | 244 | 41.6 | "         | 831 |  | 29.4 | 10-140 |  |  |  |  |
| Benzyl alcohol                        | 696 | 41.6 | "         | 831 |  | 83.8 | 30-115 |  |  |  |  |
| Benzyl butyl phthalate                | 819 | 41.6 | "         | 831 |  | 98.6 | 26-126 |  |  |  |  |
| Bis(2-chloroethoxy)methane            | 662 | 41.6 | "         | 831 |  | 79.7 | 19-132 |  |  |  |  |
| Bis(2-chloroethyl)ether               | 579 | 41.6 | "         | 831 |  | 69.7 | 19-125 |  |  |  |  |
| Bis(2-chloroisopropyl)ether           | 551 | 41.6 | "         | 831 |  | 66.4 | 20-135 |  |  |  |  |
| Bis(2-ethylhexyl)phthalate            | 828 | 41.6 | "         | 831 |  | 99.7 | 10-155 |  |  |  |  |
| Caprolactam                           | 907 | 83.0 | "         | 831 |  | 109  | 10-127 |  |  |  |  |



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

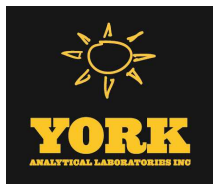
| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|----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

Batch BD42068 - EPA 3550C

LCS (BD42068-BS1)

Prepared: 04/27/2024 Analyzed: 04/29/2024

|                                       |      |      |           |      |  |      |        |  |  |  |  |
|---------------------------------------|------|------|-----------|------|--|------|--------|--|--|--|--|
| Carbazole                             | 752  | 41.6 | ug/kg wet | 831  |  | 90.5 | 35-123 |  |  |  |  |
| Chrysene                              | 721  | 41.6 | "         | 831  |  | 86.8 | 32-123 |  |  |  |  |
| Dibenzo(a,h)anthracene                | 751  | 41.6 | "         | 831  |  | 90.5 | 10-136 |  |  |  |  |
| Dibenzofuran                          | 722  | 41.6 | "         | 831  |  | 86.9 | 29-121 |  |  |  |  |
| Diethyl phthalate                     | 708  | 41.6 | "         | 831  |  | 85.2 | 34-116 |  |  |  |  |
| Dimethyl phthalate                    | 663  | 41.6 | "         | 831  |  | 79.8 | 35-124 |  |  |  |  |
| Di-n-butyl phthalate                  | 758  | 41.6 | "         | 831  |  | 91.2 | 31-116 |  |  |  |  |
| Di-n-octyl phthalate                  | 964  | 41.6 | "         | 831  |  | 116  | 26-136 |  |  |  |  |
| Diphenylamine                         | 828  | 83.0 | "         | 831  |  | 99.6 | 40-140 |  |  |  |  |
| Fluoranthene                          | 720  | 41.6 | "         | 831  |  | 86.6 | 33-122 |  |  |  |  |
| Fluorene                              | 729  | 41.6 | "         | 831  |  | 87.8 | 29-123 |  |  |  |  |
| Hexachlorobenzene                     | 730  | 41.6 | "         | 831  |  | 87.8 | 21-124 |  |  |  |  |
| Hexachlorobutadiene                   | 696  | 41.6 | "         | 831  |  | 83.8 | 10-149 |  |  |  |  |
| Hexachlorocyclopentadiene             | 112  | 41.6 | "         | 831  |  | 13.4 | 10-129 |  |  |  |  |
| Hexachloroethane                      | 573  | 41.6 | "         | 831  |  | 69.0 | 28-108 |  |  |  |  |
| Indeno(1,2,3-cd)pyrene                | 852  | 41.6 | "         | 831  |  | 103  | 10-135 |  |  |  |  |
| Isophorone                            | 718  | 41.6 | "         | 831  |  | 86.4 | 20-132 |  |  |  |  |
| Naphthalene                           | 694  | 41.6 | "         | 831  |  | 83.6 | 23-124 |  |  |  |  |
| Nitrobenzene                          | 752  | 41.6 | "         | 831  |  | 90.6 | 13-132 |  |  |  |  |
| N-Nitrosodimethylamine                | 601  | 41.6 | "         | 831  |  | 72.4 | 11-129 |  |  |  |  |
| N-nitroso-di-n-propylamine            | 641  | 41.6 | "         | 831  |  | 77.2 | 24-119 |  |  |  |  |
| N-Nitrosodiphenylamine                | 804  | 41.6 | "         | 831  |  | 96.8 | 22-152 |  |  |  |  |
| Pentachlorophenol                     | 631  | 41.6 | "         | 831  |  | 76.0 | 10-139 |  |  |  |  |
| Phenanthrene                          | 713  | 41.6 | "         | 831  |  | 85.9 | 33-123 |  |  |  |  |
| Phenol                                | 725  | 41.6 | "         | 831  |  | 87.2 | 23-115 |  |  |  |  |
| Pyrene                                | 740  | 41.6 | "         | 831  |  | 89.1 | 32-130 |  |  |  |  |
| Surrogate: SURR: 2-Fluorophenol       | 1440 |      | "         | 1660 |  | 86.5 | 20-108 |  |  |  |  |
| Surrogate: SURR: Phenol-d6            | 1400 |      | "         | 1660 |  | 84.5 | 23-114 |  |  |  |  |
| Surrogate: SURR: Nitrobenzene-d5      | 860  |      | "         | 831  |  | 104  | 22-108 |  |  |  |  |
| Surrogate: SURR: 2-Fluorobiphenyl     | 698  |      | "         | 831  |  | 84.0 | 21-113 |  |  |  |  |
| Surrogate: SURR: 2,4,6-Tribromophenol | 1680 |      | "         | 1660 |  | 101  | 19-110 |  |  |  |  |
| Surrogate: SURR: Terphenyl-d14        | 789  |      | "         | 831  |  | 95.0 | 24-116 |  |  |  |  |



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

### York Analytical Laboratories, Inc. - Stratford

| Analyte                               | Result                                    | Reporting<br>Limit | Units     | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits                            | Flag      | RPD | RPD<br>Limit | Flag |
|---------------------------------------|---|--------------------|-----------|----------------|-------------------|------|---|-----------|-----|--------------|------|
| <b>Batch BD42068 - EPA 3550C</b>      |   |                    |           |                |                   |      |   |           |     |              |      |
| <b>Matrix Spike (BD42068-MS1)</b>     | *Source sample: 24D1779-08 (Matrix Spike) |                    |           |                |                   |      | Prepared: 04/27/2024 Analyzed: 04/29/2024 |           |     |              |      |
| 1,1-Biphenyl                          | 686                                       | 91.2               | ug/kg dry | 912            | ND                | 75.3 | 10-130                                    |           |     |              |      |
| 1,2,4,5-Tetrachlorobenzene            | 681                                       | 182                | "         | 912            | ND                | 74.7 | 10-133                                    |           |     |              |      |
| 1,2,4-Trichlorobenzene                | 671                                       | 91.2               | "         | 912            | ND                | 73.6 | 10-127                                    |           |     |              |      |
| 1,2-Dichlorobenzene                   | 626                                       | 91.2               | "         | 912            | ND                | 68.7 | 14-111                                    |           |     |              |      |
| 1,2-Diphenylhydrazine (as Azobenzene) | 649                                       | 91.2               | "         | 912            | ND                | 71.2 | 10-144                                    |           |     |              |      |
| 1,3-Dichlorobenzene                   | 623                                       | 91.2               | "         | 912            | ND                | 68.3 | 11-111                                    |           |     |              |      |
| 1,4-Dichlorobenzene                   | 610                                       | 91.2               | "         | 912            | ND                | 67.0 | 10-106                                    |           |     |              |      |
| 2,3,4,6-Tetrachlorophenol             | 722                                       | 182                | "         | 912            | ND                | 79.2 | 30-130                                    |           |     |              |      |
| 2,4,5-Trichlorophenol                 | 688                                       | 91.2               | "         | 912            | ND                | 75.4 | 10-127                                    |           |     |              |      |
| 2,4,6-Trichlorophenol                 | 726                                       | 91.2               | "         | 912            | ND                | 79.6 | 10-132                                    |           |     |              |      |
| 2,4-Dichlorophenol                    | 764                                       | 91.2               | "         | 912            | ND                | 83.8 | 10-128                                    |           |     |              |      |
| 2,4-Dimethylphenol                    | 571                                       | 91.2               | "         | 912            | ND                | 62.6 | 10-137                                    |           |     |              |      |
| 2,4-Dinitrophenol                     | ND  | 182                | "         | 912            | ND                |      | 10-171                                    | Low Bias  |     |              |      |
| 2,4-Dinitrotoluene                    | 827                                       | 91.2               | "         | 912            | ND                | 90.7 | 16-135                                    |           |     |              |      |
| 2,6-Dinitrotoluene                    | 790                                       | 91.2               | "         | 912            | ND                | 86.6 | 18-131                                    |           |     |              |      |
| 2-Chloronaphthalene                   | 653                                       | 91.2               | "         | 912            | ND                | 71.6 | 10-129                                    |           |     |              |      |
| 2-Chlorophenol                        | 659                                       | 91.2               | "         | 912            | ND                | 72.3 | 15-116                                    |           |     |              |      |
| 2-Methylnaphthalene                   | 830                                       | 91.2               | "         | 912            | 48.6              | 85.7 | 10-147                                    |           |     |              |      |
| 2-Methylphenol                        | 673                                       | 91.2               | "         | 912            | ND                | 73.8 | 10-136                                    |           |     |              |      |
| 2-Nitroaniline                        | 839                                       | 182                | "         | 912            | ND                | 92.1 | 10-137                                    |           |     |              |      |
| 2-Nitrophenol                         | 892                                       | 91.2               | "         | 912            | ND                | 97.8 | 10-129                                    |           |     |              |      |
| 3- & 4-Methylphenols                  | 599                                       | 91.2               | "         | 912            | ND                | 65.7 | 10-123                                    |           |     |              |      |
| 3,3-Dichlorobenzidine                 | 502                                       | 91.2               | "         | 912            | ND                | 55.0 | 10-155                                    |           |     |              |      |
| 3-Nitroaniline                        | 750                                       | 182                | "         | 912            | ND                | 82.2 | 12-133                                    |           |     |              |      |
| 4,6-Dinitro-2-methylphenol            | 139                                       | 182                | "         | 912            | ND                | 15.2 | 10-155                                    |           |     |              |      |
| 4-Bromophenyl phenyl ether            | 668                                       | 91.2               | "         | 912            | ND                | 73.3 | 14-128                                    |           |     |              |      |
| 4-Chloro-3-methylphenol               | 756                                       | 91.2               | "         | 912            | ND                | 83.0 | 10-134                                    |           |     |              |      |
| 4-Chloroaniline                       | 614                                       | 91.2               | "         | 912            | ND                | 67.4 | 10-145                                    |           |     |              |      |
| 4-Chlorophenyl phenyl ether           | 691                                       | 91.2               | "         | 912            | ND                | 75.8 | 14-130                                    |           |     |              |      |
| 4-Nitroaniline                        | 778                                       | 182                | "         | 912            | ND                | 85.4 | 10-147                                    |           |     |              |      |
| 4-Nitrophenol                         | 705                                       | 182                | "         | 912            | ND                | 77.4 | 10-137                                    |           |     |              |      |
| Acenaphthene                          | 936                                       | 91.2               | "         | 912            | 104               | 91.3 | 10-146                                    |           |     |              |      |
| Acenaphthylene                        | 767                                       | 91.2               | "         | 912            | 147               | 68.1 | 10-134                                    |           |     |              |      |
| Acetophenone                          | 640                                       | 91.2               | "         | 912            | ND                | 70.2 | 10-116                                    |           |     |              |      |
| Aniline                               | 562                                       | 365                | "         | 912            | ND                | 61.7 | 10-123                                    |           |     |              |      |
| Anthracene                            | 1760                                      | 91.2               | "         | 912            | 372               | 152  | 10-142                                    | High Bias |     |              |      |
| Atrazine                              | 705                                       | 91.2               | "         | 912            | ND                | 77.4 | 19-115                                    |           |     |              |      |
| Benzaldehyde                          | 618                                       | 91.2               | "         | 912            | ND                | 67.8 | 10-125                                    |           |     |              |      |
| Benzo(a)anthracene                    | 3130                                      | 91.2               | "         | 912            | 1020              | 232  | 10-158                                    | High Bias |     |              |      |
| Benzo(a)pyrene                        | 3070                                      | 91.2               | "         | 912            | 1070              | 219  | 10-180                                    | High Bias |     |              |      |
| Benzo(b)fluoranthene                  | 2800                                      | 91.2               | "         | 912            | 1340              | 160  | 10-200                                    |           |     |              |      |
| Benzo(g,h,i)perylene                  | 1980                                      | 91.2               | "         | 912            | 708               | 140  | 10-138                                    | High Bias |     |              |      |
| Benzo(k)fluoranthene                  | 2370                                      | 91.2               | "         | 912            | 471               | 208  | 10-197                                    | High Bias |     |              |      |
| Benzoic acid                          | ND  | 91.2               | "         | 912            | ND                |      | 10-166                                    | Low Bias  |     |              |      |
| Benzyl alcohol                        | 639                                       | 91.2               | "         | 912            | ND                | 70.1 | 12-124                                    |           |     |              |      |
| Benzyl butyl phthalate                | 817                                       | 91.2               | "         | 912            | ND                | 89.7 | 10-154                                    |           |     |              |      |
| Bis(2-chloroethoxy)methane            | 633                                       | 91.2               | "         | 912            | ND                | 69.4 | 10-132                                    |           |     |              |      |
| Bis(2-chloroethyl)ether               | 552                                       | 91.2               | "         | 912            | ND                | 60.6 | 10-119                                    |           |     |              |      |
| Bis(2-chloroisopropyl)ether           | 535                                       | 91.2               | "         | 912            | ND                | 58.7 | 10-139                                    |           |     |              |      |
| Bis(2-ethylhexyl)phthalate            | 871                                       | 91.2               | "         | 912            | 48.6              | 90.2 | 10-167                                    |           |     |              |      |
| Caprolactam                           | 839                                       | 182                | "         | 912            | ND                | 92.1 | 10-132                                    |           |     |              |      |



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 BD42068 - EPA 3550C

| Matrix Spike (BD42068-MS1)            | *Source sample: 24D1779-08 (Matrix Spike) |      |           |      |      |      | Prepared: 04/27/2024 Analyzed: 04/29/2024 |           |  |  |  |
|---------------------------------------|---|------|-----------|------|------|------|---|-----------|--|--|--|
| Carbazole                             | 1120                                      | 91.2 | ug/kg dry | 912  | 158  | 106  | 10-167                                    |           |  |  |  |
| Chrysene                              | 2940                                      | 91.2 | "         | 912  | 998  | 213  | 10-156                                    | High Bias |  |  |  |
| Dibenzo(a,h)anthracene                | 1110                                      | 91.2 | "         | 912  | 169  | 103  | 10-137                                    |           |  |  |  |
| Dibenzofuran                          | 966                                       | 91.2 | "         | 912  | 90.1 | 96.0 | 10-147                                    |           |  |  |  |
| Diethyl phthalate                     | 657                                       | 91.2 | "         | 912  | ND   | 72.1 | 20-120                                    |           |  |  |  |
| Dimethyl phthalate                    | 624                                       | 91.2 | "         | 912  | ND   | 68.5 | 18-131                                    |           |  |  |  |
| Di-n-butyl phthalate                  | 723                                       | 91.2 | "         | 912  | ND   | 79.3 | 10-137                                    |           |  |  |  |
| Di-n-octyl phthalate                  | 893                                       | 91.2 | "         | 912  | ND   | 98.0 | 10-180                                    |           |  |  |  |
| Diphenylamine                         | 807                                       | 182  | "         | 912  | ND   | 88.5 | 40-140                                    |           |  |  |  |
| Fluoranthene                          | 6590                                      | 91.2 | "         | 912  | 2360 | 463  | 10-160                                    | High Bias |  |  |  |
| Fluorene                              | 939                                       | 91.2 | "         | 912  | 112  | 90.7 | 10-157                                    |           |  |  |  |
| Hexachlorobenzene                     | 704                                       | 91.2 | "         | 912  | ND   | 77.3 | 10-137                                    |           |  |  |  |
| Hexachlorobutadiene                   | 653                                       | 91.2 | "         | 912  | ND   | 71.7 | 10-132                                    |           |  |  |  |
| Hexachlorocyclopentadiene             | 59.8                                      | 91.2 | "         | 912  | ND   | 6.56 | 10-106                                    | Low Bias  |  |  |  |
| Hexachloroethane                      | 530                                       | 91.2 | "         | 912  | ND   | 58.2 | 10-110                                    |           |  |  |  |
| Indeno(1,2,3-cd)pyrene                | 2650                                      | 91.2 | "         | 912  | 798  | 204  | 10-144                                    | High Bias |  |  |  |
| Isophorone                            | 681                                       | 91.2 | "         | 912  | ND   | 74.7 | 10-132                                    |           |  |  |  |
| Naphthalene                           | 788                                       | 91.2 | "         | 912  | 109  | 74.6 | 10-141                                    |           |  |  |  |
| Nitrobenzene                          | 723                                       | 91.2 | "         | 912  | ND   | 79.3 | 10-131                                    |           |  |  |  |
| N-Nitrosodimethylamine                | 541                                       | 91.2 | "         | 912  | ND   | 59.4 | 10-126                                    |           |  |  |  |
| N-nitroso-di-n-propylamine            | 629                                       | 91.2 | "         | 912  | ND   | 69.0 | 10-125                                    |           |  |  |  |
| N-Nitrosodiphenylamine                | 923                                       | 91.2 | "         | 912  | ND   | 101  | 10-177                                    |           |  |  |  |
| Pentachlorophenol                     | 450                                       | 91.2 | "         | 912  | ND   | 49.4 | 10-153                                    |           |  |  |  |
| Phenanthrene                          | 5300                                      | 91.2 | "         | 912  | 1490 | 419  | 10-148                                    | High Bias |  |  |  |
| Phenol                                | 708                                       | 91.2 | "         | 912  | ND   | 77.7 | 10-126                                    |           |  |  |  |
| Pyrene                                | 5920                                      | 91.2 | "         | 912  | 1990 | 431  | 10-165                                    | High Bias |  |  |  |
| Surrogate: SURR: 2-Fluorophenol       | 1360                                      |      | "         | 1820 |      | 74.6 | 20-108                                    |           |  |  |  |
| Surrogate: SURR: Phenol-d6            | 1400                                      |      | "         | 1820 |      | 76.6 | 23-114                                    |           |  |  |  |
| Surrogate: SURR: Nitrobenzene-d5      | 799                                       |      | "         | 912  |      | 87.7 | 22-108                                    |           |  |  |  |
| Surrogate: SURR: 2-Fluorobiphenyl     | 691                                       |      | "         | 912  |      | 75.8 | 21-113                                    |           |  |  |  |
| Surrogate: SURR: 2,4,6-Tribromophenol | 1510                                      |      | "         | 1820 |      | 82.8 | 19-110                                    |           |  |  |  |
| Surrogate: SURR: Terphenyl-d14        | 759                                       |      | "         | 912  |      | 83.3 | 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     |
|--|---|-----------------|-----------|-------------|----------------|------|---|----------|------|-----------|----------|
| <b>Batch BD42068 - EPA 3550C</b>       |   |                 |           |             |                |      |   |          |      |           |          |
| <b>Matrix Spike Dup (BD42068-MSD1)</b> | *Source sample: 24D1779-08 (Matrix Spike Dup) |                 |           |             |                |      | Prepared: 04/27/2024 Analyzed: 04/29/2024 |          |      |           |          |
| 1,1-Biphenyl                           | 760   | 91.2            | ug/kg dry | 912         | ND             | 83.4 | 10-130                                    |          | 10.2 | 30        |          |
| 1,2,4,5-Tetrachlorobenzene             | 766   | 182             | "         | 912         | ND             | 84.0 | 10-133                                    |          | 11.7 | 30        |          |
| 1,2,4-Trichlorobenzene                 | 776   | 91.2            | "         | 912         | ND             | 85.1 | 10-127                                    |          | 14.5 | 30        |          |
| 1,2-Dichlorobenzene                    | 694   | 91.2            | "         | 912         | ND             | 76.1 | 14-111                                    |          | 10.2 | 30        |          |
| 1,2-Diphenylhydrazine (as Azobenzene)  | 747   | 91.2            | "         | 912         | ND             | 81.9 | 10-144                                    |          | 14.0 | 30        |          |
| 1,3-Dichlorobenzene                    | 684   | 91.2            | "         | 912         | ND             | 75.0 | 11-111                                    |          | 9.37 | 30        |          |
| 1,4-Dichlorobenzene                    | 674   | 91.2            | "         | 912         | ND             | 73.9 | 10-106                                    |          | 9.88 | 30        |          |
| 2,3,4,6-Tetrachlorophenol              | 879   | 182             | "         | 912         | ND             | 96.4 | 30-130                                    |          | 19.6 | 30        |          |
| 2,4,5-Trichlorophenol                  | 809   | 91.2            | "         | 912         | ND             | 88.8 | 10-127                                    |          | 16.3 | 30        |          |
| 2,4,6-Trichlorophenol                  | 825   | 91.2            | "         | 912         | ND             | 90.5 | 10-132                                    |          | 12.8 | 30        |          |
| 2,4-Dichlorophenol                     | 859   | 91.2            | "         | 912         | ND             | 94.2 | 10-128                                    |          | 11.8 | 30        |          |
| 2,4-Dimethylphenol                     | 659   | 91.2            | "         | 912         | ND             | 72.2 | 10-137                                    |          | 14.2 | 30        |          |
| 2,4-Dinitrophenol                      | ND  | 182             | "         | 912         | ND             |      | 10-171                                    | Low Bias |      | 30        |          |
| 2,4-Dinitrotoluene                     | 923   | 91.2            | "         | 912         | ND             | 101  | 16-135                                    |          | 11.0 | 30        |          |
| 2,6-Dinitrotoluene                     | 917   | 91.2            | "         | 912         | ND             | 101  | 18-131                                    |          | 15.0 | 30        |          |
| 2-Chloronaphthalene                    | 725   | 91.2            | "         | 912         | ND             | 79.5 | 10-129                                    |          | 10.5 | 30        |          |
| 2-Chlorophenol                         | 737   | 91.2            | "         | 912         | ND             | 80.8 | 15-116                                    |          | 11.1 | 30        |          |
| 2-Methylnaphthalene                    | 882   | 91.2            | "         | 912         | 48.6           | 91.5 | 10-147                                    |          | 6.13 | 30        |          |
| 2-Methylphenol                         | 746   | 91.2            | "         | 912         | ND             | 81.8 | 10-136                                    |          | 10.3 | 30        |          |
| 2-Nitroaniline                         | 937   | 182             | "         | 912         | ND             | 103  | 10-137                                    |          | 11.0 | 30        |          |
| 2-Nitrophenol                          | 974   | 91.2            | "         | 912         | ND             | 107  | 10-129                                    |          | 8.76 | 30        |          |
| 3- & 4-Methylphenols                   | 664   | 91.2            | "         | 912         | ND             | 72.8 | 10-123                                    |          | 10.3 | 30        |          |
| 3,3-Dichlorobenzidine                  | 595   | 91.2            | "         | 912         | ND             | 65.3 | 10-155                                    |          | 17.0 | 30        |          |
| 3-Nitroaniline                         | 847   | 182             | "         | 912         | ND             | 93.0 | 12-133                                    |          | 12.2 | 30        |          |
| 4,6-Dinitro-2-methylphenol             | 132   | 182             | "         | 912         | ND             | 14.5 | 10-155                                    |          | 4.85 | 30        |          |
| 4-Bromophenyl phenyl ether             | 759   | 91.2            | "         | 912         | ND             | 83.3 | 14-128                                    |          | 12.8 | 30        |          |
| 4-Chloro-3-methylphenol                | 862   | 91.2            | "         | 912         | ND             | 94.6 | 10-134                                    |          | 13.1 | 30        |          |
| 4-Chloroaniline                        | 686   | 91.2            | "         | 912         | ND             | 75.2 | 10-145                                    |          | 11.0 | 30        |          |
| 4-Chlorophenyl phenyl ether            | 772   | 91.2            | "         | 912         | ND             | 84.7 | 14-130                                    |          | 11.1 | 30        |          |
| 4-Nitroaniline                         | 854   | 182             | "         | 912         | ND             | 93.7 | 10-147                                    |          | 9.29 | 30        |          |
| 4-Nitrophenol                          | 789   | 182             | "         | 912         | ND             | 86.6 | 10-137                                    |          | 11.2 | 30        |          |
| Acenaphthene                           | 853   | 91.2            | "         | 912         | 104            | 82.2 | 10-146                                    |          | 9.29 | 30        |          |
| Acenaphthylene                         | 782   | 91.2            | "         | 912         | 147            | 69.7 | 10-134                                    |          | 1.88 | 30        |          |
| Acetophenone                           | 696   | 91.2            | "         | 912         | ND             | 76.3 | 10-116                                    |          | 8.30 | 30        |          |
| Aniline                                | 605   | 365             | "         | 912         | ND             | 66.3 | 10-123                                    |          | 7.25 | 30        |          |
| Anthracene                             | 1100  | 91.2            | "         | 912         | 372            | 79.8 | 10-142                                    |          | 46.2 | 30        | Non-dir. |
| Atrazine                               | 822   | 91.2            | "         | 912         | ND             | 90.2 | 19-115                                    |          | 15.3 | 30        |          |
| Benzaldehyde                           | 676   | 91.2            | "         | 912         | ND             | 74.2 | 10-125                                    |          | 9.02 | 30        |          |
| Benzo(a)anthracene                     | 1890  | 91.2            | "         | 912         | 1020           | 95.0 | 10-158                                    |          | 49.6 | 30        | Non-dir. |
| Benzo(a)pyrene                         | 1920  | 91.2            | "         | 912         | 1070           | 92.3 | 10-180                                    |          | 46.4 | 30        | Non-dir. |
| Benzo(b)fluoranthene                   | 1820  | 91.2            | "         | 912         | 1340           | 52.6 | 10-200                                    |          | 42.4 | 30        | Non-dir. |
| Benzo(g,h,i)perylene                   | 1320  | 91.2            | "         | 912         | 708            | 67.2 | 10-138                                    |          | 39.9 | 30        | Non-dir. |
| Benzo(k)fluoranthene                   | 1590  | 91.2            | "         | 912         | 471            | 122  | 10-197                                    |          | 39.7 | 30        | Non-dir. |
| Benzoic acid                           | ND  | 91.2            | "         | 912         | ND             |      | 10-166                                    | Low Bias |      | 30        |          |
| Benzyl alcohol                         | 699   | 91.2            | "         | 912         | ND             | 76.7 | 12-124                                    |          | 9.05 | 30        |          |
| Benzyl butyl phthalate                 | 944   | 91.2            | "         | 912         | ND             | 104  | 10-154                                    |          | 14.3 | 30        |          |
| Bis(2-chloroethoxy)methane             | 681   | 91.2            | "         | 912         | ND             | 74.7 | 10-132                                    |          | 7.33 | 30        |          |
| Bis(2-chloroethyl)ether                | 602   | 91.2            | "         | 912         | ND             | 66.0 | 10-119                                    |          | 8.60 | 30        |          |
| Bis(2-chloroisopropyl)ether            | 586   | 91.2            | "         | 912         | ND             | 64.3 | 10-139                                    |          | 9.10 | 30        |          |
| Bis(2-ethylhexyl)phthalate             | 1520  | 91.2            | "         | 912         | 48.6           | 161  | 10-167                                    |          | 54.2 | 30        | Non-dir. |
| Caprolactam                            | 927   | 182             | "         | 912         | ND             | 102  | 10-132                                    |          | 9.91 | 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 BD42068 - EPA 3550C

| Matrix Spike Dup (BD42068-MSD1)       | *Source sample: 24D1779-08 (Matrix Spike Dup) |      |           |      |      |      | Prepared: 04/27/2024 Analyzed: 04/29/2024 |          |      |    |          |
|---------------------------------------|---|------|-----------|------|------|------|---|----------|------|----|----------|
| Carbazole                             | 949   | 91.2 | ug/kg dry | 912  | 158  | 86.7 | 10-167                                    |          | 16.6 | 30 |          |
| Chrysene                              | 1740  | 91.2 | "         | 912  | 998  | 81.7 | 10-156                                    |          | 51.2 | 30 | Non-dir. |
| Dibenzo(a,h)anthracene                | 1020  | 91.2 | "         | 912  | 169  | 93.6 | 10-137                                    |          | 8.28 | 30 |          |
| Dibenzofuran                          | 857   | 91.2 | "         | 912  | 90.1 | 84.1 | 10-147                                    |          | 11.9 | 30 |          |
| Diethyl phthalate                     | 747   | 91.2 | "         | 912  | ND   | 82.0 | 20-120                                    |          | 12.9 | 30 |          |
| Dimethyl phthalate                    | 693   | 91.2 | "         | 912  | ND   | 76.0 | 18-131                                    |          | 10.4 | 30 |          |
| Di-n-butyl phthalate                  | 847   | 91.2 | "         | 912  | ND   | 93.0 | 10-137                                    |          | 15.9 | 30 |          |
| Di-n-octyl phthalate                  | 1050  | 91.2 | "         | 912  | ND   | 116  | 10-180                                    |          | 16.4 | 30 |          |
| Diphenylamine                         | 931   | 182  | "         | 912  | ND   | 102  | 40-140                                    |          | 14.4 | 30 |          |
| Fluoranthene                          | 2960  | 91.2 | "         | 912  | 2360 | 65.5 | 10-160                                    |          | 76.0 | 30 | Non-dir. |
| Fluorene                              | 879   | 91.2 | "         | 912  | 112  | 84.1 | 10-157                                    |          | 6.66 | 30 |          |
| Hexachlorobenzene                     | 858   | 91.2 | "         | 912  | ND   | 94.2 | 10-137                                    |          | 19.7 | 30 |          |
| Hexachlorobutadiene                   | 732   | 91.2 | "         | 912  | ND   | 80.3 | 10-132                                    |          | 11.4 | 30 |          |
| Hexachlorocyclopentadiene             | 70.0  | 91.2 | "         | 912  | ND   | 7.68 | 10-106                                    | Low Bias | 15.7 | 30 |          |
| Hexachloroethane                      | 594   | 91.2 | "         | 912  | ND   | 65.2 | 10-110                                    |          | 11.4 | 30 |          |
| Indeno(1,2,3-cd)pyrene                | 1900  | 91.2 | "         | 912  | 798  | 121  | 10-144                                    |          | 33.0 | 30 | Non-dir. |
| Isophorone                            | 774   | 91.2 | "         | 912  | ND   | 84.9 | 10-132                                    |          | 12.7 | 30 |          |
| Naphthalene                           | 822   | 91.2 | "         | 912  | 109  | 78.2 | 10-141                                    |          | 4.17 | 30 |          |
| Nitrobenzene                          | 777   | 91.2 | "         | 912  | ND   | 85.2 | 10-131                                    |          | 7.20 | 30 |          |
| N-Nitrosodimethylamine                | 613   | 91.2 | "         | 912  | ND   | 67.2 | 10-126                                    |          | 12.4 | 30 |          |
| N-nitroso-di-n-propylamine            | 680   | 91.2 | "         | 912  | ND   | 74.6 | 10-125                                    |          | 7.80 | 30 |          |
| N-Nitrosodiphenylamine                | 976   | 91.2 | "         | 912  | ND   | 107  | 10-177                                    |          | 5.61 | 30 |          |
| Pentachlorophenol                     | 588   | 91.2 | "         | 912  | ND   | 64.5 | 10-153                                    |          | 26.6 | 30 |          |
| Phenanthrene                          | 2080  | 91.2 | "         | 912  | 1490 | 65.4 | 10-148                                    |          | 87.3 | 30 | Non-dir. |
| Phenol                                | 780   | 91.2 | "         | 912  | ND   | 85.5 | 10-126                                    |          | 9.61 | 30 |          |
| Pyrene                                | 2850  | 91.2 | "         | 912  | 1990 | 94.8 | 10-165                                    |          | 69.9 | 30 | Non-dir. |
| Surrogate: SURR: 2-Fluorophenol       | 1460  |      | "         | 1820 |      | 80.1 | 20-108                                    |          |      |    |          |
| Surrogate: SURR: Phenol-d6            | 1460  |      | "         | 1820 |      | 80.0 | 23-114                                    |          |      |    |          |
| Surrogate: SURR: Nitrobenzene-d5      | 873   |      | "         | 912  |      | 95.8 | 22-108                                    |          |      |    |          |
| Surrogate: SURR: 2-Fluorobiphenyl     | 742   |      | "         | 912  |      | 81.4 | 21-113                                    |          |      |    |          |
| Surrogate: SURR: 2,4,6-Tribromophenol | 1820  |      | "         | 1820 |      | 99.7 | 19-110                                    |          |      |    |          |
| Surrogate: SURR: Terphenyl-d14        | 829   |      | "         | 912  |      | 91.0 | 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 BE40022 - EPA 3510C/1311**

**Blank (BE40022-BLK1)**

Prepared & Analyzed: 05/01/2024

|                       |    |      |      |  |  |  |  |  |  |  |  |
|-----------------------|----|------|------|--|--|--|--|--|--|--|--|
| 1,4-Dichlorobenzene   | ND | 5.00 | ug/L |  |  |  |  |  |  |  |  |
| 2,4,5-Trichlorophenol | ND | 5.00 | "    |  |  |  |  |  |  |  |  |
| 2,4,6-Trichlorophenol | ND | 5.00 | "    |  |  |  |  |  |  |  |  |
| 2,4-Dinitrotoluene    | ND | 5.00 | "    |  |  |  |  |  |  |  |  |
| 2-Methylphenol        | ND | 5.00 | "    |  |  |  |  |  |  |  |  |
| 3- & 4-Methylphenols  | ND | 10.0 | "    |  |  |  |  |  |  |  |  |
| Cresols, total        | ND | 15.0 | "    |  |  |  |  |  |  |  |  |
| Hexachlorobenzene     | ND | 5.00 | "    |  |  |  |  |  |  |  |  |
| Hexachlorobutadiene   | ND | 5.00 | "    |  |  |  |  |  |  |  |  |
| Hexachloroethane      | ND | 5.00 | "    |  |  |  |  |  |  |  |  |
| Nitrobenzene          | ND | 5.00 | "    |  |  |  |  |  |  |  |  |
| Pentachlorophenol     | ND | 5.00 | "    |  |  |  |  |  |  |  |  |
| Pyridine              | ND | 5.00 | "    |  |  |  |  |  |  |  |  |

|  |      |  |   |      |  |      |          |  |  |  |  |
|--|------|--|---|------|--|------|----------|--|--|--|--|
| <i>Surrogate: SURR: 2-Fluorophenol</i>       | 24.8 |  | " | 50.0 |  | 49.7 | 10-90.9  |  |  |  |  |
| <i>Surrogate: SURR: Phenol-d6</i>            | 17.0 |  | " | 50.0 |  | 34.0 | 10-69.2  |  |  |  |  |
| <i>Surrogate: SURR: Nitrobenzene-d5</i>      | 19.7 |  | " | 25.0 |  | 78.7 | 19.2-141 |  |  |  |  |
| <i>Surrogate: SURR: 2-Fluorobiphenyl</i>     | 18.1 |  | " | 25.0 |  | 72.4 | 24.8-127 |  |  |  |  |
| <i>Surrogate: SURR: 2,4,6-Tribromophenol</i> | 43.8 |  | " | 50.0 |  | 87.5 | 23-163   |  |  |  |  |
| <i>Surrogate: SURR: Terphenyl-d14</i>        | 20.9 |  | " | 25.0 |  | 83.7 | 25.8-110 |  |  |  |  |

**LCS (BE40022-BS1)**

Prepared & Analyzed: 05/01/2024

|                       |      |      |      |      |  |      |           |  |  |  |  |
|-----------------------|------|------|------|------|--|------|-----------|--|--|--|--|
| 1,4-Dichlorobenzene   | 19.8 | 5.00 | ug/L | 25.0 |  | 79.2 | 42.7-102  |  |  |  |  |
| 2,4,5-Trichlorophenol | 24.6 | 5.00 | "    | 25.0 |  | 98.4 | 33-141    |  |  |  |  |
| 2,4,6-Trichlorophenol | 26.6 | 5.00 | "    | 25.0 |  | 106  | 35-138    |  |  |  |  |
| 2,4-Dinitrotoluene    | 25.6 | 5.00 | "    | 25.0 |  | 103  | 38.6-153  |  |  |  |  |
| 2-Methylphenol        | 18.3 | 5.00 | "    | 25.0 |  | 73.3 | 34.7-106  |  |  |  |  |
| 3- & 4-Methylphenols  | 16.4 | 10.0 | "    | 25.0 |  | 65.7 | 30.1-94   |  |  |  |  |
| Cresols, total        | 34.8 | 15.0 | "    | 50.0 |  | 69.5 | 30.1-106  |  |  |  |  |
| Hexachlorobenzene     | 21.7 | 5.00 | "    | 25.0 |  | 86.9 | 38.9-109  |  |  |  |  |
| Hexachlorobutadiene   | 21.3 | 5.00 | "    | 25.0 |  | 85.2 | 24.3-132  |  |  |  |  |
| Hexachloroethane      | 20.2 | 5.00 | "    | 25.0 |  | 80.9 | 36.7-102  |  |  |  |  |
| Nitrobenzene          | 21.8 | 5.00 | "    | 25.0 |  | 87.0 | 33.3-122  |  |  |  |  |
| Pentachlorophenol     | 29.0 | 5.00 | "    | 25.0 |  | 116  | 22.2-137  |  |  |  |  |
| Pyridine              | 18.1 | 5.00 | "    | 35.0 |  | 51.7 | 14.9-73.5 |  |  |  |  |

|  |      |  |   |      |  |      |          |  |  |  |  |
|--|------|--|---|------|--|------|----------|--|--|--|--|
| <i>Surrogate: SURR: 2-Fluorophenol</i>       | 29.7 |  | " | 50.0 |  | 59.5 | 10-90.9  |  |  |  |  |
| <i>Surrogate: SURR: Phenol-d6</i>            | 19.8 |  | " | 50.0 |  | 39.6 | 10-69.2  |  |  |  |  |
| <i>Surrogate: SURR: Nitrobenzene-d5</i>      | 22.2 |  | " | 25.0 |  | 88.9 | 19.2-141 |  |  |  |  |
| <i>Surrogate: SURR: 2-Fluorobiphenyl</i>     | 21.5 |  | " | 25.0 |  | 86.0 | 24.8-127 |  |  |  |  |
| <i>Surrogate: SURR: 2,4,6-Tribromophenol</i> | 52.0 |  | " | 50.0 |  | 104  | 23-163   |  |  |  |  |
| <i>Surrogate: SURR: Terphenyl-d14</i>        | 23.6 |  | " | 25.0 |  | 94.4 | 25.8-110 |  |  |  |  |



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 BE40022 - EPA 3510C/1311

LCS Dup (BE40022-BSD1)

Prepared & Analyzed: 05/01/2024

|                                       |      |      |      |      |  |      |           |  |      |      |  |
|---------------------------------------|------|------|------|------|--|------|-----------|--|------|------|--|
| 1,4-Dichlorobenzene                   | 22.3 | 5.00 | ug/L | 25.0 |  | 89.0 | 42.7-102  |  | 11.7 | 21.2 |  |
| 2,4,5-Trichlorophenol                 | 26.3 | 5.00 | "    | 25.0 |  | 105  | 33-141    |  | 6.79 | 22.9 |  |
| 2,4,6-Trichlorophenol                 | 27.7 | 5.00 | "    | 25.0 |  | 111  | 35-138    |  | 4.31 | 23.4 |  |
| 2,4-Dinitrotoluene                    | 28.2 | 5.00 | "    | 25.0 |  | 113  | 38.6-153  |  | 9.55 | 24.8 |  |
| 2-Methylphenol                        | 21.3 | 5.00 | "    | 25.0 |  | 85.0 | 34.7-106  |  | 14.9 | 25.9 |  |
| 3- & 4-Methylphenols                  | 17.4 | 10.0 | "    | 25.0 |  | 69.7 | 30.1-94   |  | 5.91 | 24.9 |  |
| Cresols, total                        | 38.7 | 15.0 | "    | 50.0 |  | 77.4 | 30.1-106  |  | 10.7 | 25.9 |  |
| Hexachlorobenzene                     | 24.9 | 5.00 | "    | 25.0 |  | 99.4 | 38.9-109  |  | 13.4 | 27.1 |  |
| Hexachlorobutadiene                   | 23.6 | 5.00 | "    | 25.0 |  | 94.4 | 24.3-132  |  | 10.2 | 22   |  |
| Hexachloroethane                      | 22.3 | 5.00 | "    | 25.0 |  | 89.2 | 36.7-102  |  | 9.78 | 20.4 |  |
| Nitrobenzene                          | 25.0 | 5.00 | "    | 25.0 |  | 100  | 33.3-122  |  | 14.1 | 24.1 |  |
| Pentachlorophenol                     | 33.1 | 5.00 | "    | 25.0 |  | 132  | 22.2-137  |  | 13.1 | 36.9 |  |
| Pyridine                              | 21.3 | 5.00 | "    | 35.0 |  | 60.8 | 14.9-73.5 |  | 16.2 | 50   |  |
| Surrogate: SURR: 2-Fluorophenol       | 30.8 |      | "    | 50.0 |  | 61.6 | 10-90.9   |  |      |      |  |
| Surrogate: SURR: Phenol-d6            | 19.5 |      | "    | 50.0 |  | 39.1 | 10-69.2   |  |      |      |  |
| Surrogate: SURR: Nitrobenzene-d5      | 23.5 |      | "    | 25.0 |  | 93.9 | 19.2-141  |  |      |      |  |
| Surrogate: SURR: 2-Fluorobiphenyl     | 22.7 |      | "    | 25.0 |  | 90.8 | 24.8-127  |  |      |      |  |
| Surrogate: SURR: 2,4,6-Tribromophenol | 57.3 |      | "    | 50.0 |  | 115  | 23-163    |  |      |      |  |
| Surrogate: SURR: Terphenyl-d14        | 24.8 |      | "    | 25.0 |  | 99.4 | 25.8-110  |  |      |      |  |

Leach Fluid Blank (BE40022-LBK1)

Prepared & Analyzed: 05/01/2024

|                                       |      |      |      |      |  |      |          |  |  |  |  |
|---------------------------------------|------|------|------|------|--|------|----------|--|--|--|--|
| 1,4-Dichlorobenzene                   | ND   | 5.00 | ug/L |      |  |      |          |  |  |  |  |
| 2,4,5-Trichlorophenol                 | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| 2,4,6-Trichlorophenol                 | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| 2,4-Dinitrotoluene                    | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| 2-Methylphenol                        | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| 3- & 4-Methylphenols                  | ND   | 10.0 | "    |      |  |      |          |  |  |  |  |
| Cresols, total                        | ND   | 15.0 | "    |      |  |      |          |  |  |  |  |
| Hexachlorobenzene                     | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| Hexachlorobutadiene                   | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| Hexachloroethane                      | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| Nitrobenzene                          | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| Pentachlorophenol                     | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| Pyridine                              | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| Surrogate: SURR: 2-Fluorophenol       | 24.1 |      | "    | 50.0 |  | 48.2 | 10-90.9  |  |  |  |  |
| Surrogate: SURR: Phenol-d6            | 16.9 |      | "    | 50.0 |  | 33.8 | 10-69.2  |  |  |  |  |
| Surrogate: SURR: Nitrobenzene-d5      | 17.1 |      | "    | 25.0 |  | 68.4 | 19.2-141 |  |  |  |  |
| Surrogate: SURR: 2-Fluorobiphenyl     | 17.5 |      | "    | 25.0 |  | 70.2 | 24.8-127 |  |  |  |  |
| Surrogate: SURR: 2,4,6-Tribromophenol | 43.6 |      | "    | 50.0 |  | 87.3 | 23-163   |  |  |  |  |
| Surrogate: SURR: Terphenyl-d14        | 18.6 |      | "    | 25.0 |  | 74.6 | 25.8-110 |  |  |  |  |



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 BE40022 - EPA 3510C/1311**

| <b>Matrix Spike (BE40022-MS1)</b>            | *Source sample: 24D1795-01 (WC-1) |      |      |      |    |      | Prepared & Analyzed: 05/01/2024 |           |  |  |  |
|--|-----------------------------------|------|------|------|----|------|---------------------------------|-----------|--|--|--|
| 1,4-Dichlorobenzene                          | 18.5                              | 5.00 | ug/L | 25.0 | ND | 74.0 | 26-95                           |           |  |  |  |
| 2,4,5-Trichlorophenol                        | 22.6                              | 5.00 | "    | 25.0 | ND | 90.5 | 44-96                           |           |  |  |  |
| 2,4,6-Trichlorophenol                        | 23.5                              | 5.00 | "    | 25.0 | ND | 93.8 | 39-107                          |           |  |  |  |
| 2,4-Dinitrotoluene                           | 23.9                              | 5.00 | "    | 25.0 | ND | 95.6 | 26-120                          |           |  |  |  |
| 2-Methylphenol                               | 17.4                              | 5.00 | "    | 25.0 | ND | 69.6 | 10-118                          |           |  |  |  |
| 3- & 4-Methylphenols                         | 15.1                              | 10.0 | "    | 25.0 | ND | 60.4 | 10-102                          |           |  |  |  |
| Cresols, total                               | 32.5                              | 15.0 | "    | 50.0 | ND | 65.0 | 30-130                          |           |  |  |  |
| Hexachlorobenzene                            | 21.5                              | 5.00 | "    | 25.0 | ND | 85.9 | 24-120                          |           |  |  |  |
| Hexachlorobutadiene                          | 20.0                              | 5.00 | "    | 25.0 | ND | 79.8 | 26-98                           |           |  |  |  |
| Hexachloroethane                             | 19.0                              | 5.00 | "    | 25.0 | ND | 76.1 | 11-102                          |           |  |  |  |
| Nitrobenzene                                 | 20.1                              | 5.00 | "    | 25.0 | ND | 80.2 | 25-107                          |           |  |  |  |
| Pentachlorophenol                            | 28.1                              | 5.00 | "    | 25.0 | ND | 113  | 10-181                          |           |  |  |  |
| Pyridine                                     | 28.6                              | 5.00 | "    | 35.0 | ND | 81.7 | 10-73                           | High Bias |  |  |  |
| <i>Surrogate: SURR: 2-Fluorophenol</i>       | 27.2                              |      | "    | 50.0 |    | 54.3 | 10-90.9                         |           |  |  |  |
| <i>Surrogate: SURR: Phenol-d6</i>            | 17.8                              |      | "    | 50.0 |    | 35.5 | 10-69.2                         |           |  |  |  |
| <i>Surrogate: SURR: Nitrobenzene-d5</i>      | 19.1                              |      | "    | 25.0 |    | 76.3 | 19.2-141                        |           |  |  |  |
| <i>Surrogate: SURR: 2-Fluorobiphenyl</i>     | 18.9                              |      | "    | 25.0 |    | 75.5 | 24.8-127                        |           |  |  |  |
| <i>Surrogate: SURR: 2,4,6-Tribromophenol</i> | 49.1                              |      | "    | 50.0 |    | 98.2 | 23-163                          |           |  |  |  |
| <i>Surrogate: SURR: Terphenyl-d14</i>        | 21.0                              |      | "    | 25.0 |    | 84.2 | 25.8-110                        |           |  |  |  |

**Batch BE40112 - EPA 3510C/1311**

| <b>Blank (BE40112-BLK1)</b>                  | Prepared & Analyzed: 05/02/2024 |      |      |      |  |      |          |  |  |  |  |
|--|---------------------------------|------|------|------|--|------|----------|--|--|--|--|
| 1,4-Dichlorobenzene                          | ND                              | 5.00 | ug/L |      |  |      |          |  |  |  |  |
| 2,4,5-Trichlorophenol                        | ND                              | 5.00 | "    |      |  |      |          |  |  |  |  |
| 2,4,6-Trichlorophenol                        | ND                              | 5.00 | "    |      |  |      |          |  |  |  |  |
| 2,4-Dinitrotoluene                           | ND                              | 5.00 | "    |      |  |      |          |  |  |  |  |
| 2-Methylphenol                               | ND                              | 5.00 | "    |      |  |      |          |  |  |  |  |
| 3- & 4-Methylphenols                         | ND                              | 10.0 | "    |      |  |      |          |  |  |  |  |
| Cresols, total                               | ND                              | 15.0 | "    |      |  |      |          |  |  |  |  |
| Hexachlorobenzene                            | ND                              | 5.00 | "    |      |  |      |          |  |  |  |  |
| Hexachlorobutadiene                          | ND                              | 5.00 | "    |      |  |      |          |  |  |  |  |
| Hexachloroethane                             | ND                              | 5.00 | "    |      |  |      |          |  |  |  |  |
| Nitrobenzene                                 | ND                              | 5.00 | "    |      |  |      |          |  |  |  |  |
| Pentachlorophenol                            | ND                              | 5.00 | "    |      |  |      |          |  |  |  |  |
| Pyridine                                     | ND                              | 5.00 | "    |      |  |      |          |  |  |  |  |
| <i>Surrogate: SURR: 2-Fluorophenol</i>       | 26.8                            |      | "    | 50.0 |  | 53.6 | 10-90.9  |  |  |  |  |
| <i>Surrogate: SURR: Phenol-d6</i>            | 19.0                            |      | "    | 50.0 |  | 38.0 | 10-69.2  |  |  |  |  |
| <i>Surrogate: SURR: Nitrobenzene-d5</i>      | 16.9                            |      | "    | 25.0 |  | 67.6 | 19.2-141 |  |  |  |  |
| <i>Surrogate: SURR: 2-Fluorobiphenyl</i>     | 17.8                            |      | "    | 25.0 |  | 71.1 | 24.8-127 |  |  |  |  |
| <i>Surrogate: SURR: 2,4,6-Tribromophenol</i> | 50.5                            |      | "    | 50.0 |  | 101  | 23-163   |  |  |  |  |
| <i>Surrogate: SURR: Terphenyl-d14</i>        | 22.9                            |      | "    | 25.0 |  | 91.5 | 25.8-110 |  |  |  |  |



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 BE40112 - EPA 3510C/1311

LCS (BE40112-BS1)

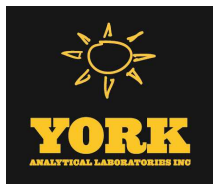
Prepared & Analyzed: 05/02/2024

|  |      |      |      |      |  |      |           |  |  |  |  |
|--|------|------|------|------|--|------|-----------|--|--|--|--|
| 1,4-Dichlorobenzene                          | 13.5 | 5.00 | ug/L | 25.0 |  | 54.1 | 42.7-102  |  |  |  |  |
| 2,4,5-Trichlorophenol                        | 16.9 | 5.00 | "    | 25.0 |  | 67.6 | 33-141    |  |  |  |  |
| 2,4,6-Trichlorophenol                        | 15.9 | 5.00 | "    | 25.0 |  | 63.6 | 35-138    |  |  |  |  |
| 2,4-Dinitrotoluene                           | 15.6 | 5.00 | "    | 25.0 |  | 62.5 | 38.6-153  |  |  |  |  |
| 2-Methylphenol                               | 13.7 | 5.00 | "    | 25.0 |  | 54.6 | 34.7-106  |  |  |  |  |
| 3- & 4-Methylphenols                         | 11.5 | 10.0 | "    | 25.0 |  | 46.1 | 30.1-94   |  |  |  |  |
| Cresols, total                               | 25.2 | 15.0 | "    | 50.0 |  | 50.4 | 30.1-106  |  |  |  |  |
| Hexachlorobenzene                            | 14.5 | 5.00 | "    | 25.0 |  | 58.2 | 38.9-109  |  |  |  |  |
| Hexachlorobutadiene                          | 14.1 | 5.00 | "    | 25.0 |  | 56.3 | 24.3-132  |  |  |  |  |
| Hexachloroethane                             | 11.2 | 5.00 | "    | 25.0 |  | 44.6 | 36.7-102  |  |  |  |  |
| Nitrobenzene                                 | 14.7 | 5.00 | "    | 25.0 |  | 58.8 | 33.3-122  |  |  |  |  |
| Pentachlorophenol                            | 16.9 | 5.00 | "    | 25.0 |  | 67.4 | 22.2-137  |  |  |  |  |
| Pyridine                                     | 20.8 | 5.00 | "    | 35.0 |  | 59.4 | 14.9-73.5 |  |  |  |  |
| <i>Surrogate: SURR: 2-Fluorophenol</i>       | 21.6 |      | "    | 50.0 |  | 43.2 | 10-90.9   |  |  |  |  |
| <i>Surrogate: SURR: Phenol-d6</i>            | 15.3 |      | "    | 50.0 |  | 30.5 | 10-69.2   |  |  |  |  |
| <i>Surrogate: SURR: Nitrobenzene-d5</i>      | 14.9 |      | "    | 25.0 |  | 59.8 | 19.2-141  |  |  |  |  |
| <i>Surrogate: SURR: 2-Fluorobiphenyl</i>     | 13.8 |      | "    | 25.0 |  | 55.0 | 24.8-127  |  |  |  |  |
| <i>Surrogate: SURR: 2,4,6-Tribromophenol</i> | 39.5 |      | "    | 50.0 |  | 79.0 | 23-163    |  |  |  |  |
| <i>Surrogate: SURR: Terphenyl-d14</i>        | 18.1 |      | "    | 25.0 |  | 72.6 | 25.8-110  |  |  |  |  |

LCS Dup (BE40112-BSD1)

Prepared & Analyzed: 05/02/2024

|  |      |      |      |      |  |      |           |      |      |  |          |
|--|------|------|------|------|--|------|-----------|------|------|--|----------|
| 1,4-Dichlorobenzene                          | 16.6 | 5.00 | ug/L | 25.0 |  | 66.4 | 42.7-102  | 20.4 | 21.2 |  |          |
| 2,4,5-Trichlorophenol                        | 19.5 | 5.00 | "    | 25.0 |  | 77.9 | 33-141    | 14.1 | 22.9 |  |          |
| 2,4,6-Trichlorophenol                        | 19.4 | 5.00 | "    | 25.0 |  | 77.5 | 35-138    | 19.7 | 23.4 |  |          |
| 2,4-Dinitrotoluene                           | 18.5 | 5.00 | "    | 25.0 |  | 73.9 | 38.6-153  | 16.7 | 24.8 |  |          |
| 2-Methylphenol                               | 15.6 | 5.00 | "    | 25.0 |  | 62.5 | 34.7-106  | 13.4 | 25.9 |  |          |
| 3- & 4-Methylphenols                         | 13.6 | 10.0 | "    | 25.0 |  | 54.2 | 30.1-94   | 16.1 | 24.9 |  |          |
| Cresols, total                               | 29.2 | 15.0 | "    | 50.0 |  | 58.3 | 30.1-106  | 14.6 | 25.9 |  |          |
| Hexachlorobenzene                            | 17.4 | 5.00 | "    | 25.0 |  | 69.6 | 38.9-109  | 17.9 | 27.1 |  |          |
| Hexachlorobutadiene                          | 18.0 | 5.00 | "    | 25.0 |  | 71.9 | 24.3-132  | 24.3 | 22   |  | Non-dir. |
| Hexachloroethane                             | 14.2 | 5.00 | "    | 25.0 |  | 56.9 | 36.7-102  | 24.2 | 20.4 |  | Non-dir. |
| Nitrobenzene                                 | 17.9 | 5.00 | "    | 25.0 |  | 71.6 | 33.3-122  | 19.6 | 24.1 |  |          |
| Pentachlorophenol                            | 19.8 | 5.00 | "    | 25.0 |  | 79.1 | 22.2-137  | 15.9 | 36.9 |  |          |
| Pyridine                                     | 17.0 | 5.00 | "    | 35.0 |  | 48.5 | 14.9-73.5 | 20.3 | 50   |  |          |
| <i>Surrogate: SURR: 2-Fluorophenol</i>       | 24.4 |      | "    | 50.0 |  | 48.8 | 10-90.9   |      |      |  |          |
| <i>Surrogate: SURR: Phenol-d6</i>            | 16.5 |      | "    | 50.0 |  | 33.0 | 10-69.2   |      |      |  |          |
| <i>Surrogate: SURR: Nitrobenzene-d5</i>      | 17.6 |      | "    | 25.0 |  | 70.2 | 19.2-141  |      |      |  |          |
| <i>Surrogate: SURR: 2-Fluorobiphenyl</i>     | 16.2 |      | "    | 25.0 |  | 64.9 | 24.8-127  |      |      |  |          |
| <i>Surrogate: SURR: 2,4,6-Tribromophenol</i> | 46.2 |      | "    | 50.0 |  | 92.4 | 23-163    |      |      |  |          |
| <i>Surrogate: SURR: Terphenyl-d14</i>        | 18.6 |      | "    | 25.0 |  | 74.3 | 25.8-110  |      |      |  |          |



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 BE40112 - EPA 3510C/1311

Leach Fluid Blank (BE40112-LBK1)

Prepared & Analyzed: 05/02/2024

|                                       |      |      |      |      |  |      |          |  |  |  |  |
|---------------------------------------|------|------|------|------|--|------|----------|--|--|--|--|
| 1,4-Dichlorobenzene                   | ND   | 5.00 | ug/L |      |  |      |          |  |  |  |  |
| 2,4,5-Trichlorophenol                 | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| 2,4,6-Trichlorophenol                 | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| 2,4-Dinitrotoluene                    | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| 2-Methylphenol                        | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| 3- & 4-Methylphenols                  | ND   | 10.0 | "    |      |  |      |          |  |  |  |  |
| Cresols, total                        | ND   | 15.0 | "    |      |  |      |          |  |  |  |  |
| Hexachlorobenzene                     | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| Hexachlorobutadiene                   | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| Hexachloroethane                      | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| Nitrobenzene                          | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| Pentachlorophenol                     | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| Pyridine                              | ND   | 5.00 | "    |      |  |      |          |  |  |  |  |
| Surrogate: SURR: 2-Fluorophenol       | 26.8 |      | "    | 50.0 |  | 53.5 | 10-90.9  |  |  |  |  |
| Surrogate: SURR: Phenol-d6            | 18.1 |      | "    | 50.0 |  | 36.2 | 10-69.2  |  |  |  |  |
| Surrogate: SURR: Nitrobenzene-d5      | 17.6 |      | "    | 25.0 |  | 70.6 | 19.2-141 |  |  |  |  |
| Surrogate: SURR: 2-Fluorobiphenyl     | 18.8 |      | "    | 25.0 |  | 75.1 | 24.8-127 |  |  |  |  |
| Surrogate: SURR: 2,4,6-Tribromophenol | 51.6 |      | "    | 50.0 |  | 103  | 23-163   |  |  |  |  |
| Surrogate: SURR: Terphenyl-d14        | 20.6 |      | "    | 25.0 |  | 82.4 | 25.8-110 |  |  |  |  |



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 BD42066 - EPA 3550C

Blank (BD42066-BLK1)

Prepared: 04/27/2024 Analyzed: 04/28/2024

|                                 |      |      |           |      |  |      |        |  |  |  |  |
|---------------------------------|------|------|-----------|------|--|------|--------|--|--|--|--|
| 4,4'-DDD                        | ND   | 1.64 | ug/kg wet |      |  |      |        |  |  |  |  |
| 4,4'-DDE                        | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| 4,4'-DDT                        | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| Aldrin                          | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| alpha-BHC                       | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| alpha-Chlordane                 | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| beta-BHC                        | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| Chlordane, total                | ND   | 32.9 | "         |      |  |      |        |  |  |  |  |
| delta-BHC                       | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| Dieldrin                        | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| Endosulfan I                    | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| Endosulfan II                   | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| Endosulfan sulfate              | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| Endrin                          | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| Endrin aldehyde                 | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| Endrin ketone                   | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| gamma-BHC (Lindane)             | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| gamma-Chlordane                 | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| Heptachlor                      | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| Heptachlor epoxide              | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| Methoxychlor                    | ND   | 1.64 | "         |      |  |      |        |  |  |  |  |
| Toxaphene                       | ND   | 164  | "         |      |  |      |        |  |  |  |  |
| Surrogate: Decachlorobiphenyl   | 64.4 |      | "         | 66.4 |  | 96.9 | 30-150 |  |  |  |  |
| Surrogate: Tetrachloro-m-xylene | 60.3 |      | "         | 66.4 |  | 90.7 | 30-150 |  |  |  |  |

LCS (BD42066-BS1)

Prepared: 04/27/2024 Analyzed: 04/30/2024

|                                 |      |      |           |      |  |      |        |  |  |  |  |
|---------------------------------|------|------|-----------|------|--|------|--------|--|--|--|--|
| 4,4'-DDD                        | 26.5 | 1.64 | ug/kg wet | 33.2 |  | 79.8 | 40-140 |  |  |  |  |
| 4,4'-DDE                        | 27.6 | 1.64 | "         | 33.2 |  | 83.0 | 40-140 |  |  |  |  |
| 4,4'-DDT                        | 27.8 | 1.64 | "         | 33.2 |  | 83.6 | 40-140 |  |  |  |  |
| Aldrin                          | 26.2 | 1.64 | "         | 33.2 |  | 78.7 | 40-140 |  |  |  |  |
| alpha-BHC                       | 27.1 | 1.64 | "         | 33.2 |  | 81.6 | 40-140 |  |  |  |  |
| alpha-Chlordane                 | 27.4 | 1.64 | "         | 33.2 |  | 82.4 | 40-140 |  |  |  |  |
| beta-BHC                        | 29.7 | 1.64 | "         | 33.2 |  | 89.5 | 40-140 |  |  |  |  |
| delta-BHC                       | 26.8 | 1.64 | "         | 33.2 |  | 80.7 | 40-140 |  |  |  |  |
| Dieldrin                        | 26.6 | 1.64 | "         | 33.2 |  | 80.1 | 40-140 |  |  |  |  |
| Endosulfan I                    | 28.6 | 1.64 | "         | 33.2 |  | 85.9 | 40-140 |  |  |  |  |
| Endosulfan II                   | 29.8 | 1.64 | "         | 33.2 |  | 89.8 | 40-140 |  |  |  |  |
| Endosulfan sulfate              | 28.8 | 1.64 | "         | 33.2 |  | 86.8 | 40-140 |  |  |  |  |
| Endrin                          | 26.8 | 1.64 | "         | 33.2 |  | 80.6 | 40-140 |  |  |  |  |
| Endrin aldehyde                 | 28.6 | 1.64 | "         | 33.2 |  | 86.0 | 40-140 |  |  |  |  |
| Endrin ketone                   | 28.7 | 1.64 | "         | 33.2 |  | 86.4 | 40-140 |  |  |  |  |
| gamma-BHC (Lindane)             | 27.4 | 1.64 | "         | 33.2 |  | 82.4 | 40-140 |  |  |  |  |
| gamma-Chlordane                 | 27.4 | 1.64 | "         | 33.2 |  | 82.5 | 40-140 |  |  |  |  |
| Heptachlor                      | 27.8 | 1.64 | "         | 33.2 |  | 83.8 | 40-140 |  |  |  |  |
| Heptachlor epoxide              | 28.1 | 1.64 | "         | 33.2 |  | 84.7 | 40-140 |  |  |  |  |
| Methoxychlor                    | 29.8 | 1.64 | "         | 33.2 |  | 89.8 | 40-140 |  |  |  |  |
| Surrogate: Decachlorobiphenyl   | 70.4 |      | "         | 66.4 |  | 106  | 30-150 |  |  |  |  |
| Surrogate: Tetrachloro-m-xylene | 65.2 |      | "         | 66.4 |  | 98.1 | 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 BD42066 - EPA 3550C**

| <b>Matrix Spike (BD42066-MS1)</b>      | <b>*Source sample: 24D1779-01 (Matrix Spike)</b> |      |           |      |    |      | <b>Prepared: 04/27/2024 Analyzed: 04/29/2024</b> |  |  |  |  |
|--|--|------|-----------|------|----|------|--|--|--|--|--|
| 4,4'-DDD                               | 35.1   | 1.86 | ug/kg dry | 37.5 | ND | 93.5 | 30-150   |  |  |  |  |
| 4,4'-DDE                               | 31.6   | 1.86 | "         | 37.5 | ND | 84.3 | 30-150   |  |  |  |  |
| 4,4'-DDT                               | 35.4   | 1.86 | "         | 37.5 | ND | 94.4 | 30-150   |  |  |  |  |
| Aldrin                                 | 30.3   | 1.86 | "         | 37.5 | ND | 80.7 | 30-150   |  |  |  |  |
| alpha-BHC                              | 32.4   | 1.86 | "         | 37.5 | ND | 86.2 | 30-150   |  |  |  |  |
| alpha-Chlordane                        | 32.0   | 1.86 | "         | 37.5 | ND | 85.4 | 30-150   |  |  |  |  |
| beta-BHC                               | 32.9   | 1.86 | "         | 37.5 | ND | 87.8 | 30-150   |  |  |  |  |
| delta-BHC                              | 30.7   | 1.86 | "         | 37.5 | ND | 81.8 | 30-150   |  |  |  |  |
| Dieldrin                               | 31.5   | 1.86 | "         | 37.5 | ND | 84.0 | 30-150   |  |  |  |  |
| Endosulfan I                           | 33.5   | 1.86 | "         | 37.5 | ND | 89.3 | 30-150   |  |  |  |  |
| Endosulfan II                          | 34.2   | 1.86 | "         | 37.5 | ND | 91.2 | 30-150   |  |  |  |  |
| Endosulfan sulfate                     | 31.3   | 1.86 | "         | 37.5 | ND | 83.4 | 30-150   |  |  |  |  |
| Endrin                                 | 34.4   | 1.86 | "         | 37.5 | ND | 91.7 | 30-150   |  |  |  |  |
| Endrin aldehyde                        | 31.1   | 1.86 | "         | 37.5 | ND | 82.7 | 30-150   |  |  |  |  |
| Endrin ketone                          | 34.5   | 1.86 | "         | 37.5 | ND | 91.9 | 30-150   |  |  |  |  |
| gamma-BHC (Lindane)                    | 33.4   | 1.86 | "         | 37.5 | ND | 88.9 | 30-150   |  |  |  |  |
| gamma-Chlordane                        | 31.9   | 1.86 | "         | 37.5 | ND | 84.9 | 30-150   |  |  |  |  |
| Heptachlor                             | 34.4   | 1.86 | "         | 37.5 | ND | 91.6 | 30-150   |  |  |  |  |
| Heptachlor epoxide                     | 33.6   | 1.86 | "         | 37.5 | ND | 89.6 | 30-150   |  |  |  |  |
| Methoxychlor                           | 40.4   | 1.86 | "         | 37.5 | ND | 108  | 30-150   |  |  |  |  |
| <i>Surrogate: Decachlorobiphenyl</i>   | 75.9   |      | "         | 75.1 |    | 101  | 30-150   |  |  |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | 74.8   |      | "         | 75.1 |    | 99.6 | 30-150   |  |  |  |  |

| <b>Matrix Spike Dup (BD42066-MSD1)</b> | <b>*Source sample: 24D1779-01 (Matrix Spike Dup)</b> |      |           |      |    |      | <b>Prepared: 04/27/2024 Analyzed: 04/29/2024</b> |      |    |  |  |
|--|--|------|-----------|------|----|------|--|------|----|--|--|
| 4,4'-DDD                               | 32.3   | 1.86 | ug/kg dry | 37.5 | ND | 86.2 | 30-150   | 8.21 | 30 |  |  |
| 4,4'-DDE                               | 29.3   | 1.86 | "         | 37.5 | ND | 78.0 | 30-150   | 7.75 | 30 |  |  |
| 4,4'-DDT                               | 32.9   | 1.86 | "         | 37.5 | ND | 87.7 | 30-150   | 7.33 | 30 |  |  |
| Aldrin                                 | 28.4   | 1.86 | "         | 37.5 | ND | 75.6 | 30-150   | 6.43 | 30 |  |  |
| alpha-BHC                              | 30.4   | 1.86 | "         | 37.5 | ND | 80.9 | 30-150   | 6.35 | 30 |  |  |
| alpha-Chlordane                        | 30.1   | 1.86 | "         | 37.5 | ND | 80.2 | 30-150   | 6.22 | 30 |  |  |
| beta-BHC                               | 30.7   | 1.86 | "         | 37.5 | ND | 81.7 | 30-150   | 7.18 | 30 |  |  |
| delta-BHC                              | 28.6   | 1.86 | "         | 37.5 | ND | 76.3 | 30-150   | 7.02 | 30 |  |  |
| Dieldrin                               | 29.4   | 1.86 | "         | 37.5 | ND | 78.3 | 30-150   | 6.92 | 30 |  |  |
| Endosulfan I                           | 31.5   | 1.86 | "         | 37.5 | ND | 83.9 | 30-150   | 6.20 | 30 |  |  |
| Endosulfan II                          | 32.2   | 1.86 | "         | 37.5 | ND | 85.7 | 30-150   | 6.18 | 30 |  |  |
| Endosulfan sulfate                     | 29.6   | 1.86 | "         | 37.5 | ND | 79.0 | 30-150   | 5.50 | 30 |  |  |
| Endrin                                 | 32.1   | 1.86 | "         | 37.5 | ND | 85.5 | 30-150   | 6.97 | 30 |  |  |
| Endrin aldehyde                        | 29.7   | 1.86 | "         | 37.5 | ND | 79.2 | 30-150   | 4.41 | 30 |  |  |
| Endrin ketone                          | 33.3   | 1.86 | "         | 37.5 | ND | 88.8 | 30-150   | 3.44 | 30 |  |  |
| gamma-BHC (Lindane)                    | 31.3   | 1.86 | "         | 37.5 | ND | 83.4 | 30-150   | 6.43 | 30 |  |  |
| gamma-Chlordane                        | 29.9   | 1.86 | "         | 37.5 | ND | 79.7 | 30-150   | 6.40 | 30 |  |  |
| Heptachlor                             | 32.3   | 1.86 | "         | 37.5 | ND | 86.1 | 30-150   | 6.17 | 30 |  |  |
| Heptachlor epoxide                     | 31.4   | 1.86 | "         | 37.5 | ND | 83.6 | 30-150   | 6.98 | 30 |  |  |
| Methoxychlor                           | 37.2   | 1.86 | "         | 37.5 | ND | 99.2 | 30-150   | 8.18 | 30 |  |  |
| <i>Surrogate: Decachlorobiphenyl</i>   | 72.9   |      | "         | 75.1 |    | 97.2 | 30-150   |      |    |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | 72.6   |      | "         | 75.1 |    | 96.7 | 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 BD42067 - EPA 3550C**

**Blank (BD42067-BLK1)**

Prepared: 04/27/2024 Analyzed: 04/29/2024

|  |      |      |           |      |  |     |        |  |  |  |  |
|--|------|------|-----------|------|--|-----|--------|--|--|--|--|
| 4,4'-DDD                               | ND   | 1.64 | ug/kg wet |      |  |     |        |  |  |  |  |
| 4,4'-DDE                               | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| 4,4'-DDT                               | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| Aldrin                                 | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| alpha-BHC                              | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| alpha-Chlordane                        | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| beta-BHC                               | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| Chlordane, total                       | ND   | 32.9 | "         |      |  |     |        |  |  |  |  |
| delta-BHC                              | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| Dieldrin                               | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| Endosulfan I                           | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| Endosulfan II                          | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| Endosulfan sulfate                     | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| Endrin                                 | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| Endrin aldehyde                        | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| Endrin ketone                          | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| gamma-BHC (Lindane)                    | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| gamma-Chlordane                        | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| Heptachlor                             | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| Heptachlor epoxide                     | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| Methoxychlor                           | ND   | 1.64 | "         |      |  |     |        |  |  |  |  |
| Toxaphene                              | ND   | 164  | "         |      |  |     |        |  |  |  |  |
| <i>Surrogate: Decachlorobiphenyl</i>   | 66.9 |      | "         | 66.4 |  | 101 | 30-150 |  |  |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | 69.4 |      | "         | 66.4 |  | 104 | 30-150 |  |  |  |  |

**LCS (BD42067-BS1)**

Prepared: 04/27/2024 Analyzed: 04/29/2024

|  |      |      |           |      |  |      |        |  |  |  |  |
|--|------|------|-----------|------|--|------|--------|--|--|--|--|
| 4,4'-DDD                               | 26.6 | 1.64 | ug/kg wet | 33.2 |  | 80.0 | 40-140 |  |  |  |  |
| 4,4'-DDE                               | 26.7 | 1.64 | "         | 33.2 |  | 80.4 | 40-140 |  |  |  |  |
| 4,4'-DDT                               | 27.6 | 1.64 | "         | 33.2 |  | 82.9 | 40-140 |  |  |  |  |
| Aldrin                                 | 25.8 | 1.64 | "         | 33.2 |  | 77.6 | 40-140 |  |  |  |  |
| alpha-BHC                              | 26.2 | 1.64 | "         | 33.2 |  | 78.9 | 40-140 |  |  |  |  |
| alpha-Chlordane                        | 26.9 | 1.64 | "         | 33.2 |  | 81.0 | 40-140 |  |  |  |  |
| beta-BHC                               | 29.1 | 1.64 | "         | 33.2 |  | 87.5 | 40-140 |  |  |  |  |
| delta-BHC                              | 25.3 | 1.64 | "         | 33.2 |  | 76.1 | 40-140 |  |  |  |  |
| Dieldrin                               | 26.0 | 1.64 | "         | 33.2 |  | 78.2 | 40-140 |  |  |  |  |
| Endosulfan I                           | 27.6 | 1.64 | "         | 33.2 |  | 83.0 | 40-140 |  |  |  |  |
| Endosulfan II                          | 29.1 | 1.64 | "         | 33.2 |  | 87.5 | 40-140 |  |  |  |  |
| Endosulfan sulfate                     | 27.0 | 1.64 | "         | 33.2 |  | 81.3 | 40-140 |  |  |  |  |
| Endrin                                 | 27.1 | 1.64 | "         | 33.2 |  | 81.7 | 40-140 |  |  |  |  |
| Endrin aldehyde                        | 27.1 | 1.64 | "         | 33.2 |  | 81.7 | 40-140 |  |  |  |  |
| Endrin ketone                          | 27.1 | 1.64 | "         | 33.2 |  | 81.5 | 40-140 |  |  |  |  |
| gamma-BHC (Lindane)                    | 26.3 | 1.64 | "         | 33.2 |  | 79.1 | 40-140 |  |  |  |  |
| gamma-Chlordane                        | 26.8 | 1.64 | "         | 33.2 |  | 80.6 | 40-140 |  |  |  |  |
| Heptachlor                             | 26.7 | 1.64 | "         | 33.2 |  | 80.5 | 40-140 |  |  |  |  |
| Heptachlor epoxide                     | 27.4 | 1.64 | "         | 33.2 |  | 82.6 | 40-140 |  |  |  |  |
| Methoxychlor                           | 29.9 | 1.64 | "         | 33.2 |  | 90.0 | 40-140 |  |  |  |  |
| <i>Surrogate: Decachlorobiphenyl</i>   | 62.2 |      | "         | 66.4 |  | 93.6 | 30-150 |  |  |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | 62.2 |      | "         | 66.4 |  | 93.5 | 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 BD42067 - EPA 3550C**

| <b>Matrix Spike (BD42067-MS1)</b>      | <b>*Source sample: 24D1795-01 (WC-1)</b> |      |           |      |      |      | <b>Prepared: 04/27/2024 Analyzed: 04/30/2024</b> |  |  |  |  |
|--|--|------|-----------|------|------|------|--|--|--|--|--|
| 4,4'-DDD                               | 41.4                                     | 1.92 | ug/kg dry | 38.7 | ND   | 107  | 30-150   |  |  |  |  |
| 4,4'-DDE                               | 40.5                                     | 1.92 | "         | 38.7 | ND   | 105  | 30-150   |  |  |  |  |
| 4,4'-DDT                               | 36.5                                     | 1.92 | "         | 38.7 | ND   | 94.2 | 30-150   |  |  |  |  |
| Aldrin                                 | 33.7                                     | 1.92 | "         | 38.7 | ND   | 87.1 | 30-150   |  |  |  |  |
| alpha-BHC                              | 35.9                                     | 1.92 | "         | 38.7 | ND   | 92.6 | 30-150   |  |  |  |  |
| alpha-Chlordane                        | 36.7                                     | 1.92 | "         | 38.7 | ND   | 94.7 | 30-150   |  |  |  |  |
| beta-BHC                               | 40.1                                     | 1.92 | "         | 38.7 | ND   | 103  | 30-150   |  |  |  |  |
| delta-BHC                              | 33.9                                     | 1.92 | "         | 38.7 | ND   | 87.6 | 30-150   |  |  |  |  |
| Dieldrin                               | 35.4                                     | 1.92 | "         | 38.7 | ND   | 91.3 | 30-150   |  |  |  |  |
| Endosulfan I                           | 33.1                                     | 1.92 | "         | 38.7 | ND   | 85.5 | 30-150   |  |  |  |  |
| Endosulfan II                          | 37.3                                     | 1.92 | "         | 38.7 | ND   | 96.4 | 30-150   |  |  |  |  |
| Endosulfan sulfate                     | 37.5                                     | 1.92 | "         | 38.7 | ND   | 96.7 | 30-150   |  |  |  |  |
| Endrin                                 | 38.0                                     | 1.92 | "         | 38.7 | ND   | 98.0 | 30-150   |  |  |  |  |
| Endrin aldehyde                        | 39.4                                     | 1.92 | "         | 38.7 | ND   | 102  | 30-150   |  |  |  |  |
| Endrin ketone                          | 38.1                                     | 1.92 | "         | 38.7 | ND   | 98.3 | 30-150   |  |  |  |  |
| gamma-BHC (Lindane)                    | 36.1                                     | 1.92 | "         | 38.7 | 9.80 | 67.8 | 30-150   |  |  |  |  |
| gamma-Chlordane                        | 35.8                                     | 1.92 | "         | 38.7 | ND   | 92.4 | 30-150   |  |  |  |  |
| Heptachlor                             | 35.1                                     | 1.92 | "         | 38.7 | ND   | 90.5 | 30-150   |  |  |  |  |
| Heptachlor epoxide                     | 36.2                                     | 1.92 | "         | 38.7 | ND   | 93.3 | 30-150   |  |  |  |  |
| Methoxychlor                           | 45.8                                     | 1.92 | "         | 38.7 | ND   | 118  | 30-150   |  |  |  |  |
| <i>Surrogate: Decachlorobiphenyl</i>   | 83.6                                     |      | "         | 77.5 |      | 108  | 30-150   |  |  |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | 86.2                                     |      | "         | 77.5 |      | 111  | 30-150   |  |  |  |  |

| <b>Matrix Spike Dup (BD42067-MSD1)</b> | <b>*Source sample: 24D1795-01 (WC-1)</b> |      |           |      |      |      | <b>Prepared: 04/27/2024 Analyzed: 04/30/2024</b> |      |    |  |  |
|--|--|------|-----------|------|------|------|--|------|----|--|--|
| 4,4'-DDD                               | 38.2                                     | 1.92 | ug/kg dry | 38.7 | ND   | 98.6 | 30-150   | 7.95 | 30 |  |  |
| 4,4'-DDE                               | 36.2                                     | 1.92 | "         | 38.7 | ND   | 93.5 | 30-150   | 11.2 | 30 |  |  |
| 4,4'-DDT                               | 34.9                                     | 1.92 | "         | 38.7 | ND   | 90.2 | 30-150   | 4.36 | 30 |  |  |
| Aldrin                                 | 28.9                                     | 1.92 | "         | 38.7 | ND   | 74.7 | 30-150   | 15.3 | 30 |  |  |
| alpha-BHC                              | 30.8                                     | 1.92 | "         | 38.7 | ND   | 79.6 | 30-150   | 15.1 | 30 |  |  |
| alpha-Chlordane                        | 31.8                                     | 1.92 | "         | 38.7 | ND   | 82.2 | 30-150   | 14.1 | 30 |  |  |
| beta-BHC                               | 35.0                                     | 1.92 | "         | 38.7 | ND   | 90.4 | 30-150   | 13.5 | 30 |  |  |
| delta-BHC                              | 29.0                                     | 1.92 | "         | 38.7 | ND   | 74.8 | 30-150   | 15.8 | 30 |  |  |
| Dieldrin                               | 30.3                                     | 1.92 | "         | 38.7 | ND   | 78.3 | 30-150   | 15.4 | 30 |  |  |
| Endosulfan I                           | 28.7                                     | 1.92 | "         | 38.7 | ND   | 74.0 | 30-150   | 14.4 | 30 |  |  |
| Endosulfan II                          | 34.3                                     | 1.92 | "         | 38.7 | ND   | 88.4 | 30-150   | 8.57 | 30 |  |  |
| Endosulfan sulfate                     | 32.3                                     | 1.92 | "         | 38.7 | ND   | 83.5 | 30-150   | 14.7 | 30 |  |  |
| Endrin                                 | 33.3                                     | 1.92 | "         | 38.7 | ND   | 86.0 | 30-150   | 13.1 | 30 |  |  |
| Endrin aldehyde                        | 33.9                                     | 1.92 | "         | 38.7 | ND   | 87.6 | 30-150   | 14.9 | 30 |  |  |
| Endrin ketone                          | 33.1                                     | 1.92 | "         | 38.7 | ND   | 85.5 | 30-150   | 13.9 | 30 |  |  |
| gamma-BHC (Lindane)                    | 31.3                                     | 1.92 | "         | 38.7 | 9.80 | 55.4 | 30-150   | 14.3 | 30 |  |  |
| gamma-Chlordane                        | 31.2                                     | 1.92 | "         | 38.7 | ND   | 80.5 | 30-150   | 13.9 | 30 |  |  |
| Heptachlor                             | 30.7                                     | 1.92 | "         | 38.7 | ND   | 79.3 | 30-150   | 13.2 | 30 |  |  |
| Heptachlor epoxide                     | 31.2                                     | 1.92 | "         | 38.7 | ND   | 80.6 | 30-150   | 14.6 | 30 |  |  |
| Methoxychlor                           | 41.4                                     | 1.92 | "         | 38.7 | ND   | 107  | 30-150   | 10.1 | 30 |  |  |
| <i>Surrogate: Decachlorobiphenyl</i>   | 74.2                                     |      | "         | 77.5 |      | 95.8 | 30-150   |      |    |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | 74.6                                     |      | "         | 77.5 |      | 96.3 | 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 BE40025 - EPA 3535A/1312**

**Blank (BE40025-BLK1)**

Prepared & Analyzed: 05/01/2024

|  |              |        |          |             |  |             |               |  |  |  |  |
|--|--------------|--------|----------|-------------|--|-------------|---------------|--|--|--|--|
| Chlordane, total                       | ND           | 0.200  | ug/L     |             |  |             |               |  |  |  |  |
| Endrin                                 | ND           | 0.0400 | "        |             |  |             |               |  |  |  |  |
| gamma-BHC (Lindane)                    | ND           | 0.0400 | "        |             |  |             |               |  |  |  |  |
| Heptachlor                             | ND           | 0.0400 | "        |             |  |             |               |  |  |  |  |
| Heptachlor epoxide                     | ND           | 0.0400 | "        |             |  |             |               |  |  |  |  |
| Methoxychlor                           | ND           | 0.0400 | "        |             |  |             |               |  |  |  |  |
| Toxaphene                              | ND           | 1.00   | "        |             |  |             |               |  |  |  |  |
| <i>Surrogate: Decachlorobiphenyl</i>   | <i>0.851</i> |        | <i>"</i> | <i>2.00</i> |  | <i>42.6</i> | <i>30-120</i> |  |  |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | <i>1.80</i>  |        | <i>"</i> | <i>2.00</i> |  | <i>89.8</i> | <i>30-120</i> |  |  |  |  |

**LCS (BE40025-BS1)**

Prepared & Analyzed: 05/01/2024

|  |              |        |          |             |  |             |               |  |  |  |  |
|--|--------------|--------|----------|-------------|--|-------------|---------------|--|--|--|--|
| Endrin                                 | 0.870        | 0.0400 | ug/L     | 1.00        |  | 87.0        | 40-120        |  |  |  |  |
| gamma-BHC (Lindane)                    | 0.822        | 0.0400 | "        | 1.00        |  | 82.2        | 40-120        |  |  |  |  |
| Heptachlor                             | 0.778        | 0.0400 | "        | 1.00        |  | 77.8        | 40-120        |  |  |  |  |
| Heptachlor epoxide                     | 0.835        | 0.0400 | "        | 1.00        |  | 83.5        | 40-120        |  |  |  |  |
| Methoxychlor                           | 0.739        | 0.0400 | "        | 1.00        |  | 73.9        | 40-120        |  |  |  |  |
| <i>Surrogate: Decachlorobiphenyl</i>   | <i>0.379</i> |        | <i>"</i> | <i>2.00</i> |  | <i>19.0</i> | <i>30-120</i> |  |  |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | <i>1.55</i>  |        | <i>"</i> | <i>2.00</i> |  | <i>77.6</i> | <i>30-120</i> |  |  |  |  |

**LCS Dup (BE40025-BSD1)**

Prepared & Analyzed: 05/01/2024

|  |             |        |          |             |  |             |               |       |    |  |  |
|--|-------------|--------|----------|-------------|--|-------------|---------------|-------|----|--|--|
| Endrin                                 | 0.815       | 0.0400 | ug/L     | 1.00        |  | 81.5        | 40-120        | 6.48  | 30 |  |  |
| gamma-BHC (Lindane)                    | 0.788       | 0.0400 | "        | 1.00        |  | 78.8        | 40-120        | 4.25  | 30 |  |  |
| Heptachlor                             | 0.742       | 0.0400 | "        | 1.00        |  | 74.2        | 40-120        | 4.67  | 30 |  |  |
| Heptachlor epoxide                     | 0.782       | 0.0400 | "        | 1.00        |  | 78.2        | 40-120        | 6.51  | 30 |  |  |
| Methoxychlor                           | 0.736       | 0.0400 | "        | 1.00        |  | 73.6        | 40-120        | 0.420 | 30 |  |  |
| <i>Surrogate: Decachlorobiphenyl</i>   | <i>1.13</i> |        | <i>"</i> | <i>2.00</i> |  | <i>56.7</i> | <i>30-120</i> |       |    |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | <i>1.41</i> |        | <i>"</i> | <i>2.00</i> |  | <i>70.3</i> | <i>30-120</i> |       |    |  |  |



**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 BE40025 - EPA 3535A/1312**

**Leach Fluid Blank (BE40025-LBK1)**

Prepared & Analyzed: 05/01/2024

|  |      |        |      |      |  |      |        |  |  |  |  |
|--|------|--------|------|------|--|------|--------|--|--|--|--|
| Chlordane, total                       | ND   | 0.200  | ug/L |      |  |      |        |  |  |  |  |
| Endrin                                 | ND   | 0.0400 | "    |      |  |      |        |  |  |  |  |
| gamma-BHC (Lindane)                    | ND   | 0.0400 | "    |      |  |      |        |  |  |  |  |
| Heptachlor                             | ND   | 0.0400 | "    |      |  |      |        |  |  |  |  |
| Heptachlor epoxide                     | ND   | 0.0400 | "    |      |  |      |        |  |  |  |  |
| Methoxychlor                           | ND   | 0.0400 | "    |      |  |      |        |  |  |  |  |
| Toxaphene                              | ND   | 1.00   | "    |      |  |      |        |  |  |  |  |
| <i>Surrogate: Decachlorobiphenyl</i>   | 2.38 |        | "    | 2.00 |  | 119  | 30-120 |  |  |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | 1.78 |        | "    | 2.00 |  | 89.1 | 30-120 |  |  |  |  |

**Matrix Spike (BE40025-MS1)**

\*Source sample: 24D1795-01 (WC-1)

Prepared: 05/01/2024 Analyzed: 05/02/2024

|  |       |        |      |      |    |      |        |  |  |  |  |
|--|-------|--------|------|------|----|------|--------|--|--|--|--|
| Endrin                                 | 0.847 | 0.0400 | ug/L | 1.00 | ND | 84.7 | 30-150 |  |  |  |  |
| gamma-BHC (Lindane)                    | 0.798 | 0.0400 | "    | 1.00 | ND | 79.8 | 30-150 |  |  |  |  |
| Heptachlor                             | 0.826 | 0.0400 | "    | 1.00 | ND | 82.6 | 30-150 |  |  |  |  |
| Heptachlor epoxide                     | 0.785 | 0.0400 | "    | 1.00 | ND | 78.5 | 30-150 |  |  |  |  |
| Methoxychlor                           | 1.02  | 0.0400 | "    | 1.00 | ND | 102  | 30-150 |  |  |  |  |
| <i>Surrogate: Decachlorobiphenyl</i>   | 1.79  |        | "    | 2.00 |    | 89.6 | 30-120 |  |  |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | 1.56  |        | "    | 2.00 |    | 78.2 | 30-120 |  |  |  |  |

**Batch BE40113 - EPA 3535A/1312**

**Blank (BE40113-BLK1)**

Prepared & Analyzed: 05/02/2024

|  |       |        |      |      |  |      |        |  |  |  |  |
|--|-------|--------|------|------|--|------|--------|--|--|--|--|
| Chlordane, total                       | ND    | 0.200  | ug/L |      |  |      |        |  |  |  |  |
| Endrin                                 | ND    | 0.0400 | "    |      |  |      |        |  |  |  |  |
| gamma-BHC (Lindane)                    | ND    | 0.0400 | "    |      |  |      |        |  |  |  |  |
| Heptachlor                             | ND    | 0.0400 | "    |      |  |      |        |  |  |  |  |
| Heptachlor epoxide                     | ND    | 0.0400 | "    |      |  |      |        |  |  |  |  |
| Methoxychlor                           | ND    | 0.0400 | "    |      |  |      |        |  |  |  |  |
| Toxaphene                              | ND    | 1.00   | "    |      |  |      |        |  |  |  |  |
| <i>Surrogate: Decachlorobiphenyl</i>   | 0.721 |        | "    | 2.00 |  | 36.1 | 30-120 |  |  |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | 1.52  |        | "    | 2.00 |  | 76.2 | 30-120 |  |  |  |  |



**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 BE40113 - EPA 3535A/1312**

**LCS (BE40113-BS1)**

Prepared & Analyzed: 05/02/2024

|  |              |        |      |             |  |             |               |  |  |  |  |
|--|--------------|--------|------|-------------|--|-------------|---------------|--|--|--|--|
| Endrin                                 | 0.897        | 0.0400 | ug/L | 1.00        |  | 89.7        | 40-120        |  |  |  |  |
| gamma-BHC (Lindane)                    | 0.862        | 0.0400 | "    | 1.00        |  | 86.2        | 40-120        |  |  |  |  |
| Heptachlor                             | 0.853        | 0.0400 | "    | 1.00        |  | 85.3        | 40-120        |  |  |  |  |
| Heptachlor epoxide                     | 0.854        | 0.0400 | "    | 1.00        |  | 85.4        | 40-120        |  |  |  |  |
| Methoxychlor                           | 1.04         | 0.0400 | "    | 1.00        |  | 104         | 40-120        |  |  |  |  |
| <i>Surrogate: Decachlorobiphenyl</i>   | <i>0.815</i> |        | "    | <i>2.00</i> |  | <i>40.7</i> | <i>30-120</i> |  |  |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | <i>1.54</i>  |        | "    | <i>2.00</i> |  | <i>77.1</i> | <i>30-120</i> |  |  |  |  |

**LCS Dup (BE40113-BSD1)**

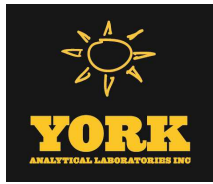
Prepared & Analyzed: 05/02/2024

|  |              |        |      |             |  |             |               |  |      |    |  |
|--|--------------|--------|------|-------------|--|-------------|---------------|--|------|----|--|
| Endrin                                 | 0.916        | 0.0400 | ug/L | 1.00        |  | 91.6        | 40-120        |  | 2.05 | 30 |  |
| gamma-BHC (Lindane)                    | 0.876        | 0.0400 | "    | 1.00        |  | 87.6        | 40-120        |  | 1.69 | 30 |  |
| Heptachlor                             | 0.866        | 0.0400 | "    | 1.00        |  | 86.6        | 40-120        |  | 1.44 | 30 |  |
| Heptachlor epoxide                     | 0.871        | 0.0400 | "    | 1.00        |  | 87.1        | 40-120        |  | 1.94 | 30 |  |
| Methoxychlor                           | 1.07         | 0.0400 | "    | 1.00        |  | 107         | 40-120        |  | 2.24 | 30 |  |
| <i>Surrogate: Decachlorobiphenyl</i>   | <i>0.491</i> |        | "    | <i>2.00</i> |  | <i>24.5</i> | <i>30-120</i> |  |      |    |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | <i>1.54</i>  |        | "    | <i>2.00</i> |  | <i>76.8</i> | <i>30-120</i> |  |      |    |  |

**Leach Fluid Blank (BE40113-LBK1)**

Prepared & Analyzed: 05/02/2024

|  |             |        |      |             |  |             |               |  |  |  |  |
|--|-------------|--------|------|-------------|--|-------------|---------------|--|--|--|--|
| Chlordane, total                       | ND          | 0.250  | ug/L |             |  |             |               |  |  |  |  |
| Endrin                                 | ND          | 0.0500 | "    |             |  |             |               |  |  |  |  |
| gamma-BHC (Lindane)                    | ND          | 0.0500 | "    |             |  |             |               |  |  |  |  |
| Heptachlor                             | ND          | 0.0500 | "    |             |  |             |               |  |  |  |  |
| Heptachlor epoxide                     | ND          | 0.0500 | "    |             |  |             |               |  |  |  |  |
| Methoxychlor                           | ND          | 0.0500 | "    |             |  |             |               |  |  |  |  |
| Toxaphene                              | ND          | 1.25   | "    |             |  |             |               |  |  |  |  |
| <i>Surrogate: Decachlorobiphenyl</i>   | <i>2.23</i> |        | "    | <i>2.50</i> |  | <i>89.2</i> | <i>30-120</i> |  |  |  |  |
| <i>Surrogate: Tetrachloro-m-xylene</i> | <i>1.98</i> |        | "    | <i>2.50</i> |  | <i>79.1</i> | <i>30-120</i> |  |  |  |  |



**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 |
|---|--------|-----------------|-----------|-------------|----------------|------|-------------|------|-----|-----------|------|
| <b>Batch BD42066 - EPA 3550C</b>  |        |                 |           |             |                |      |             |      |     |           |      |
| <b>Blank (BD42066-BLK2)</b> <span style="float:right">Prepared: 04/27/2024 Analyzed: 04/28/2024</span>            |        |                 |           |             |                |      |             |      |     |           |      |
| 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          | "         |             |                |      |             |      |     |           |      |
| Aroclor 1262  | ND     | 0.0166          | "         |             |                |      |             |      |     |           |      |
| Aroclor 1268  | ND     | 0.0166          | "         |             |                |      |             |      |     |           |      |
| Total PCBs  | ND     | 0.0166          | "         |             |                |      |             |      |     |           |      |
| <i>Surrogate: Tetrachloro-m-xylene</i>  | 0.0535 |                 | "         | 0.0664      |                | 80.5 | 30-140      |      |     |           |      |
| <i>Surrogate: Decachlorobiphenyl</i>  | 0.0502 |                 | "         | 0.0664      |                | 75.5 | 30-140      |      |     |           |      |
| <b>LCS (BD42066-BS2)</b> <span style="float:right">Prepared: 04/27/2024 Analyzed: 04/28/2024</span>               |        |                 |           |             |                |      |             |      |     |           |      |
| Aroclor 1016  | 0.263  | 0.0166          | mg/kg wet | 0.332       |                | 79.0 | 40-130      |      |     |           |      |
| Aroclor 1260  | 0.249  | 0.0166          | "         | 0.332       |                | 74.9 | 40-130      |      |     |           |      |
| <i>Surrogate: Tetrachloro-m-xylene</i>  | 0.0505 |                 | "         | 0.0664      |                | 76.0 | 30-140      |      |     |           |      |
| <i>Surrogate: Decachlorobiphenyl</i>  | 0.0468 |                 | "         | 0.0664      |                | 70.5 | 30-140      |      |     |           |      |
| <b>Matrix Spike (BD42066-MS2)</b> <span style="float:right">Prepared: 04/27/2024 Analyzed: 04/29/2024</span>      |        |                 |           |             |                |      |             |      |     |           |      |
| *Source sample: 24D1779-01 (Matrix Spike)   |        |                 |           |             |                |      |             |      |     |           |      |
| Aroclor 1016  | 0.273  | 0.0188          | mg/kg dry | 0.375       | ND             | 72.8 | 40-140      |      |     |           |      |
| Aroclor 1260  | 0.257  | 0.0188          | "         | 0.375       | ND             | 68.5 | 40-140      |      |     |           |      |
| <i>Surrogate: Tetrachloro-m-xylene</i>  | 0.0537 |                 | "         | 0.0751      |                | 71.5 | 30-140      |      |     |           |      |
| <i>Surrogate: Decachlorobiphenyl</i>  | 0.0510 |                 | "         | 0.0751      |                | 68.0 | 30-140      |      |     |           |      |
| <b>Matrix Spike Dup (BD42066-MSD2)</b> <span style="float:right">Prepared: 04/27/2024 Analyzed: 04/29/2024</span> |        |                 |           |             |                |      |             |      |     |           |      |
| *Source sample: 24D1779-01 (Matrix Spike Dup)   |        |                 |           |             |                |      |             |      |     |           |      |
| Aroclor 1016  | 0.299  | 0.0188          | mg/kg dry | 0.375       | ND             | 79.5 | 40-140      | 8.88 | 50  |           |      |
| Aroclor 1260  | 0.296  | 0.0188          | "         | 0.375       | ND             | 78.9 | 40-140      | 14.1 | 50  |           |      |
| <i>Surrogate: Tetrachloro-m-xylene</i>  | 0.0582 |                 | "         | 0.0751      |                | 77.5 | 30-140      |      |     |           |      |
| <i>Surrogate: Decachlorobiphenyl</i>  | 0.0582 |                 | "         | 0.0751      |                | 77.5 | 30-140      |      |     |           |      |



**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 |
|---|--------|-----------------|-----------|-------------|----------------|------|-------------|------|------|-----------|------|
| <b>Batch BD42067 - EPA 3550C</b>  |        |                 |           |             |                |      |             |      |      |           |      |
| <b>Blank (BD42067-BLK2)</b> <span style="float:right">Prepared: 04/27/2024 Analyzed: 04/29/2024</span>            |        |                 |           |             |                |      |             |      |      |           |      |
| 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          | "         |             |                |      |             |      |      |           |      |
| Aroclor 1262  | ND     | 0.0166          | "         |             |                |      |             |      |      |           |      |
| Aroclor 1268  | ND     | 0.0166          | "         |             |                |      |             |      |      |           |      |
| Total PCBs  | ND     | 0.0166          | "         |             |                |      |             |      |      |           |      |
| <i>Surrogate: Tetrachloro-m-xylene</i>  | 0.0555 |                 | "         | 0.0664      |                | 83.5 | 30-140      |      |      |           |      |
| <i>Surrogate: Decachlorobiphenyl</i>  | 0.0545 |                 | "         | 0.0664      |                | 82.0 | 30-140      |      |      |           |      |
| <b>LCS (BD42067-BS2)</b> <span style="float:right">Prepared: 04/27/2024 Analyzed: 04/29/2024</span>               |        |                 |           |             |                |      |             |      |      |           |      |
| Aroclor 1016  | 0.292  | 0.0166          | mg/kg wet | 0.332       |                | 87.9 | 40-130      |      |      |           |      |
| Aroclor 1260  | 0.292  | 0.0166          | "         | 0.332       |                | 87.9 | 40-130      |      |      |           |      |
| <i>Surrogate: Tetrachloro-m-xylene</i>  | 0.0548 |                 | "         | 0.0664      |                | 82.5 | 30-140      |      |      |           |      |
| <i>Surrogate: Decachlorobiphenyl</i>  | 0.0535 |                 | "         | 0.0664      |                | 80.5 | 30-140      |      |      |           |      |
| <b>Matrix Spike (BD42067-MS2)</b> <span style="float:right">Prepared: 04/27/2024 Analyzed: 04/29/2024</span>      |        |                 |           |             |                |      |             |      |      |           |      |
| *Source sample: 24D1795-01 (WC-1)   |        |                 |           |             |                |      |             |      |      |           |      |
| Aroclor 1016  | 0.224  | 0.0194          | mg/kg dry | 0.387       | ND             | 57.8 | 40-140      |      |      |           |      |
| Aroclor 1260  | 0.264  | 0.0194          | "         | 0.387       | ND             | 68.2 | 40-140      |      |      |           |      |
| <i>Surrogate: Tetrachloro-m-xylene</i>  | 0.0531 |                 | "         | 0.0775      |                | 68.5 | 30-140      |      |      |           |      |
| <i>Surrogate: Decachlorobiphenyl</i>  | 0.0562 |                 | "         | 0.0775      |                | 72.5 | 30-140      |      |      |           |      |
| <b>Matrix Spike Dup (BD42067-MSD2)</b> <span style="float:right">Prepared: 04/27/2024 Analyzed: 04/29/2024</span> |        |                 |           |             |                |      |             |      |      |           |      |
| *Source sample: 24D1795-01 (WC-1)   |        |                 |           |             |                |      |             |      |      |           |      |
| Aroclor 1016  | 0.202  | 0.0194          | mg/kg dry | 0.387       | ND             | 52.2 | 40-140      |      | 10.2 | 50        |      |
| Aroclor 1260  | 0.234  | 0.0194          | "         | 0.387       | ND             | 60.4 | 40-140      |      | 12.2 | 50        |      |
| <i>Surrogate: Tetrachloro-m-xylene</i>  | 0.0558 |                 | "         | 0.0775      |                | 72.0 | 30-140      |      |      |           |      |
| <i>Surrogate: Decachlorobiphenyl</i>  | 0.0515 |                 | "         | 0.0775      |                | 66.5 | 30-140      |      |      |           |      |



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 BD42134 - EPA 3550C/8151A**

**Blank (BD42134-BLK1)**

Prepared & Analyzed: 04/29/2024

|   |     |      |           |     |  |      |        |  |  |  |  |
|---|-----|------|-----------|-----|--|------|--------|--|--|--|--|
| 2,4,5-T   | ND  | 20.0 | ug/kg wet |     |  |      |        |  |  |  |  |
| 2,4,5-TP (Silvex)                               | ND  | 20.0 | "         |     |  |      |        |  |  |  |  |
| 2,4-D   | ND  | 20.0 | "         |     |  |      |        |  |  |  |  |
| Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 378 |      | "         | 417 |  | 90.6 | 21-150 |  |  |  |  |

**LCS (BD42134-BS1)**

Prepared & Analyzed: 04/29/2024

|   |     |      |           |     |  |      |        |  |  |  |  |
|---|-----|------|-----------|-----|--|------|--------|--|--|--|--|
| 2,4,5-T   | 150 | 20.0 | ug/kg wet | 133 |  | 112  | 10-120 |  |  |  |  |
| 2,4,5-TP (Silvex)                               | 145 | 20.0 | "         | 133 |  | 109  | 10-120 |  |  |  |  |
| 2,4-D   | 157 | 20.0 | "         | 133 |  | 118  | 10-118 |  |  |  |  |
| Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 386 |      | "         | 417 |  | 92.6 | 21-150 |  |  |  |  |

**Matrix Spike (BD42134-MS1)**

\*Source sample: 24D1745-03 (Matrix Spike)

Prepared & Analyzed: 04/29/2024

|   |     |      |           |     |    |      |        |  |  |  |  |
|---|-----|------|-----------|-----|----|------|--------|--|--|--|--|
| 2,4,5-T   | 129 | 22.1 | ug/kg dry | 147 | ND | 87.5 | 10-120 |  |  |  |  |
| 2,4,5-TP (Silvex)                               | 138 | 22.1 | "         | 147 | ND | 93.7 | 10-120 |  |  |  |  |
| 2,4-D   | 143 | 22.1 | "         | 147 | ND | 96.9 | 10-118 |  |  |  |  |
| Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 387 |      | "         | 460 |    | 84.2 | 21-150 |  |  |  |  |

**Matrix Spike Dup (BD42134-MSD1)**

\*Source sample: 24D1745-03 (Matrix Spike Dup)

Prepared & Analyzed: 04/29/2024

|   |     |      |           |     |    |      |        |      |    |  |  |
|---|-----|------|-----------|-----|----|------|--------|------|----|--|--|
| 2,4,5-T   | 140 | 22.1 | ug/kg dry | 147 | ND | 95.0 | 10-120 | 8.22 | 35 |  |  |
| 2,4,5-TP (Silvex)                               | 150 | 22.1 | "         | 147 | ND | 102  | 10-120 | 8.31 | 35 |  |  |
| 2,4-D   | 146 | 22.1 | "         | 147 | ND | 99.4 | 10-118 | 2.55 | 35 |  |  |
| Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 393 |      | "         | 460 |    | 85.4 | 21-150 |      |    |  |  |

**Batch BD42267 - EPA 3535A/1311**

**Blank (BD42267-BLK1)**

Prepared: 04/30/2024 Analyzed: 05/01/2024

|   |      |      |      |     |  |      |        |  |  |  |  |
|---|------|------|------|-----|--|------|--------|--|--|--|--|
| 2,4,5-TP (Silvex)                               | ND   | 5.00 | ug/L |     |  |      |        |  |  |  |  |
| 2,4-D   | ND   | 5.00 | "    |     |  |      |        |  |  |  |  |
| Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 73.0 |      | "    | 125 |  | 58.4 | 10-150 |  |  |  |  |



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 |
|---|--------|-----------------|-------|-------------|----------------|---|-------------|------|---|-----------|------|
| <b>Batch BD42267 - EPA 3535A/1311</b>           |        |                 |       |             |                |   |             |      |   |           |      |
| <b>LCS (BD42267-BS1)</b>                        |        |                 |       |             |                |   |             |      |   |           |      |
|   |        |                 |       |             |                | Prepared: 04/30/2024 Analyzed: 05/01/2024 |             |      |   |           |      |
| 2,4,5-TP (Silvex)                               | 22.5   | 5.00            | ug/L  | 40.0        |                | 56.2                                      | 10-139      |      |   |           |      |
| 2,4-D   | 23.2   | 5.00            | "     | 40.0        |                | 58.1                                      | 10-140      |      |   |           |      |
| Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 75.2   |                 | "     | 125         |                | 60.2                                      | 10-150      |      |   |           |      |
| <b>LCS Dup (BD42267-BSD1)</b>                   |        |                 |       |             |                |   |             |      |   |           |      |
|   |        |                 |       |             |                | Prepared: 04/30/2024 Analyzed: 05/01/2024 |             |      |   |           |      |
| 2,4,5-TP (Silvex)                               | 21.5   | 5.00            | ug/L  | 40.0        |                | 53.8                                      | 10-139      |      | 4.55                                      | 30        |      |
| 2,4-D   | 22.2   | 5.00            | "     | 40.0        |                | 55.6                                      | 10-140      |      | 4.40                                      | 30        |      |
| Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 75.2   |                 | "     | 125         |                | 60.2                                      | 10-150      |      |   |           |      |
| <b>Leach Fluid Blank (BD42267-LBK1)</b>         |        |                 |       |             |                |   |             |      |   |           |      |
|   |        |                 |       |             |                | Prepared: 04/30/2024 Analyzed: 05/01/2024 |             |      |   |           |      |
| 2,4,5-TP (Silvex)                               | ND     | 5.00            | ug/L  |             |                |   |             |      |   |           |      |
| 2,4-D   | ND     | 5.00            | "     |             |                |   |             |      |   |           |      |
| Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 70.5   |                 | "     | 125         |                | 56.4                                      | 10-150      |      |   |           |      |
| <b>Matrix Spike (BD42267-MS1)</b>               |        |                 |       |             |                |   |             |      |   |           |      |
|   |        |                 |       |             |                | *Source sample: 24D1683-05 (Matrix Spike) |             |      | Prepared: 04/30/2024 Analyzed: 05/01/2024 |           |      |
| 2,4,5-TP (Silvex)                               | 20.2   | 5.00            | ug/L  | 40.0        | ND             | 50.6                                      | 20-140      |      |   |           |      |
| 2,4-D   | 21.0   | 5.00            | "     | 40.0        | ND             | 52.5                                      | 20-140      |      |   |           |      |
| Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 72.8   |                 | "     | 125         |                | 58.2                                      | 10-150      |      |   |           |      |
| <b>Batch BE40135 - EPA 3535A/1311</b>           |        |                 |       |             |                |   |             |      |   |           |      |
| <b>Blank (BE40135-BLK1)</b>                     |        |                 |       |             |                |   |             |      |   |           |      |
|   |        |                 |       |             |                | Prepared & Analyzed: 05/02/2024           |             |      |   |           |      |
| 2,4,5-TP (Silvex)                               | ND     | 5.00            | ug/L  |             |                |   |             |      |   |           |      |
| 2,4-D   | ND     | 5.00            | "     |             |                |   |             |      |   |           |      |
| Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 85.0   |                 | "     | 125         |                | 68.0                                      | 10-150      |      |   |           |      |
| <b>LCS (BE40135-BS1)</b>                        |        |                 |       |             |                |   |             |      |   |           |      |
|   |        |                 |       |             |                | Prepared & Analyzed: 05/02/2024           |             |      |   |           |      |
| 2,4,5-TP (Silvex)                               | 17.2   | 5.00            | ug/L  | 40.0        |                | 43.1                                      | 10-139      |      |   |           |      |
| 2,4-D   | 20.8   | 5.00            | "     | 40.0        |                | 51.9                                      | 10-140      |      |   |           |      |
| Surrogate: 2,4-Dichlorophenylacetic acid (DCAA) | 78.2   |                 | "     | 125         |                | 62.6                                      | 10-150      |      |   |           |      |





**Gas Chromatography/Flame Ionization Detector - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

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

**Batch BD42135 - EPA 3545A**

**Blank (BD42135-BLK1)**

Prepared: 04/29/2024 Analyzed: 04/30/2024

|                               |      |      |           |      |  |      |          |  |  |  |  |  |  |
|-------------------------------|------|------|-----------|------|--|------|----------|--|--|--|--|--|--|
| Total EPH                     | ND   | 49.5 | mg/kg wet |      |  |      |          |  |  |  |  |  |  |
| Surrogate: 1-Chlorooctadecane | 7.90 |      | "         | 9.90 |  | 79.8 | 31.6-128 |  |  |  |  |  |  |
| Surrogate: o-Terphenyl        | 8.00 |      | "         | 9.90 |  | 80.8 | 28.7-124 |  |  |  |  |  |  |

**LCS (BD42135-BS1)**

Prepared: 04/29/2024 Analyzed: 04/30/2024

|                               |      |      |           |      |  |      |          |  |  |  |  |  |  |
|-------------------------------|------|------|-----------|------|--|------|----------|--|--|--|--|--|--|
| Total EPH                     | 89.1 | 49.5 | mg/kg wet | 158  |  | 56.2 | 40-140   |  |  |  |  |  |  |
| Surrogate: 1-Chlorooctadecane | 5.97 |      | "         | 9.90 |  | 60.3 | 31.6-128 |  |  |  |  |  |  |
| Surrogate: o-Terphenyl        | 6.05 |      | "         | 9.90 |  | 61.1 | 28.7-124 |  |  |  |  |  |  |

**LCS Dup (BD42135-BSD1)**

Prepared: 04/29/2024 Analyzed: 04/30/2024

|                               |      |      |           |      |  |      |          |  |      |  |    |  |  |
|-------------------------------|------|------|-----------|------|--|------|----------|--|------|--|----|--|--|
| Total EPH                     | 94.4 | 49.5 | mg/kg wet | 158  |  | 59.6 | 40-140   |  | 5.79 |  | 30 |  |  |
| Surrogate: 1-Chlorooctadecane | 6.30 |      | "         | 9.90 |  | 63.6 | 31.6-128 |  |      |  |    |  |  |
| Surrogate: o-Terphenyl        | 6.35 |      | "         | 9.90 |  | 64.1 | 28.7-124 |  |      |  |    |  |  |

**Duplicate (BD42135-DUP1)**

\*Source sample: 24D1779-19 (Duplicate)

Prepared: 04/29/2024 Analyzed: 04/30/2024

|                               |      |      |           |      |     |      |          |  |  |      |  |     |  |
|-------------------------------|------|------|-----------|------|-----|------|----------|--|--|------|--|-----|--|
| Total EPH                     | 187  | 54.5 | mg/kg dry |      | 112 |      |          |  |  | 50.1 |  | 200 |  |
| Surrogate: 1-Chlorooctadecane | 7.81 |      | "         | 10.9 |     | 71.6 | 31.6-128 |  |  |      |  |     |  |
| Surrogate: o-Terphenyl        | 7.87 |      | "         | 10.9 |     | 72.1 | 28.7-124 |  |  |      |  |     |  |

**Matrix Spike (BD42135-MS1)**

\*Source sample: 24D1779-19 (Matrix Spike)

Prepared: 04/29/2024 Analyzed: 04/30/2024

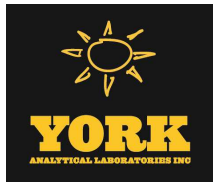
|                               |      |      |           |      |     |      |          |  |  |  |  |  |  |
|-------------------------------|------|------|-----------|------|-----|------|----------|--|--|--|--|--|--|
| Total EPH                     | 255  | 54.5 | mg/kg dry | 175  | 112 | 81.8 | 30-140   |  |  |  |  |  |  |
| Surrogate: 1-Chlorooctadecane | 7.43 |      | "         | 10.9 |     | 68.1 | 31.6-128 |  |  |  |  |  |  |
| Surrogate: o-Terphenyl        | 7.46 |      | "         | 10.9 |     | 68.4 | 28.7-124 |  |  |  |  |  |  |

**Batch BD42141 - EPA 3545A**

**Blank (BD42141-BLK1)**

Prepared: 04/29/2024 Analyzed: 05/01/2024

|                               |      |      |           |      |  |      |          |  |  |  |  |  |  |
|-------------------------------|------|------|-----------|------|--|------|----------|--|--|--|--|--|--|
| Total EPH                     | ND   | 49.5 | mg/kg wet |      |  |      |          |  |  |  |  |  |  |
| Surrogate: 1-Chlorooctadecane | 6.59 |      | "         | 9.90 |  | 66.5 | 31.6-128 |  |  |  |  |  |  |
| Surrogate: o-Terphenyl        | 6.56 |      | "         | 9.90 |  | 66.3 | 28.7-124 |  |  |  |  |  |  |



**Gas Chromatography/Flame Ionization Detector - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

| Analyte                                   | Result | Reporting Limit | Units     | Spike Level | Source* Result | %REC                                      | %REC Limits | Flag | RPD  | RPD Limit | Flag |
|---|--------|-----------------|-----------|-------------|----------------|---|-------------|------|------|-----------|------|
| <b>Batch BD42141 - EPA 3545A</b>          |        |                 |           |             |                |   |             |      |      |           |      |
| <b>LCS (BD42141-BS1)</b>                  |        |                 |           |             |                | Prepared: 04/29/2024 Analyzed: 05/01/2024 |             |      |      |           |      |
| Total EPH                                 | 84.3   | 49.5            | mg/kg wet | 158         |                | 53.2                                      | 40-140      |      |      |           |      |
| Surrogate: 1-Chlorooctadecane             | 5.82   |                 | "         | 9.90        |                | 58.7                                      | 31.6-128    |      |      |           |      |
| Surrogate: o-Terphenyl                    | 5.87   |                 | "         | 9.90        |                | 59.3                                      | 28.7-124    |      |      |           |      |
| <b>LCS Dup (BD42141-BSD1)</b>             |        |                 |           |             |                | Prepared: 04/29/2024 Analyzed: 05/01/2024 |             |      |      |           |      |
| Total EPH                                 | 85.7   | 49.5            | mg/kg wet | 158         |                | 54.1                                      | 40-140      |      | 1.71 | 30        |      |
| Surrogate: 1-Chlorooctadecane             | 6.14   |                 | "         | 9.90        |                | 62.0                                      | 31.6-128    |      |      |           |      |
| Surrogate: o-Terphenyl                    | 6.21   |                 | "         | 9.90        |                | 62.7                                      | 28.7-124    |      |      |           |      |
| <b>Duplicate (BD42141-DUP1)</b>           |        |                 |           |             |                | Prepared: 04/29/2024 Analyzed: 05/01/2024 |             |      |      |           |      |
| *Source sample: 24D1812-02 (Duplicate)    |        |                 |           |             |                |   |             |      |      |           |      |
| Total EPH                                 | 186    | 51.0            | mg/kg dry |             | 132            |   |             |      | 34.2 | 200       |      |
| Surrogate: 1-Chlorooctadecane             | 7.32   |                 | "         | 10.2        |                | 71.8                                      | 31.6-128    |      |      |           |      |
| Surrogate: o-Terphenyl                    | 7.43   |                 | "         | 10.2        |                | 72.9                                      | 28.7-124    |      |      |           |      |
| <b>Matrix Spike (BD42141-MS1)</b>         |        |                 |           |             |                | Prepared: 04/29/2024 Analyzed: 05/01/2024 |             |      |      |           |      |
| *Source sample: 24D1812-02 (Matrix Spike) |        |                 |           |             |                |   |             |      |      |           |      |
| Total EPH                                 | 205    | 52.5            | mg/kg dry | 168         | 132            | 43.3                                      | 30-140      |      |      |           |      |
| Surrogate: 1-Chlorooctadecane             | 7.04   |                 | "         | 10.5        |                | 67.1                                      | 31.6-128    |      |      |           |      |
| Surrogate: o-Terphenyl                    | 7.11   |                 | "         | 10.5        |                | 67.8                                      | 28.7-124    |      |      |           |      |



**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 BE40017 - EPA 3015A/1311**

**Blank (BE40017-BLK1)**

Prepared & Analyzed: 05/01/2024

|          |    |       |      |  |  |  |  |  |  |  |  |
|----------|----|-------|------|--|--|--|--|--|--|--|--|
| Arsenic  | ND | 0.017 | mg/L |  |  |  |  |  |  |  |  |
| Barium   | ND | 0.028 | "    |  |  |  |  |  |  |  |  |
| Cadmium  | ND | 0.003 | "    |  |  |  |  |  |  |  |  |
| Chromium | ND | 0.006 | "    |  |  |  |  |  |  |  |  |
| Lead     | ND | 0.006 | "    |  |  |  |  |  |  |  |  |
| Selenium | ND | 0.028 | "    |  |  |  |  |  |  |  |  |
| Silver   | ND | 0.006 | "    |  |  |  |  |  |  |  |  |

**LCS (BE40017-BS1)**

Prepared & Analyzed: 05/01/2024

|          |       |  |       |        |  |      |        |  |  |  |  |
|----------|-------|--|-------|--------|--|------|--------|--|--|--|--|
| Arsenic  | 1.88  |  | ug/mL | 2.00   |  | 94.0 | 80-120 |  |  |  |  |
| Barium   | 2.07  |  | "     | 2.00   |  | 104  | 80-120 |  |  |  |  |
| Cadmium  | 0.049 |  | "     | 0.0500 |  | 97.5 | 80-120 |  |  |  |  |
| Chromium | 0.201 |  | "     | 0.200  |  | 101  | 80-120 |  |  |  |  |
| Lead     | 0.491 |  | "     | 0.500  |  | 98.3 | 80-120 |  |  |  |  |
| Selenium | 1.87  |  | "     | 2.00   |  | 93.7 | 80-120 |  |  |  |  |
| Silver   | 0.046 |  | "     | 0.0500 |  | 92.6 | 80-120 |  |  |  |  |

**Duplicate (BE40017-DUP1)**

\*Source sample: 24D1795-01 (WC-1)

Prepared & Analyzed: 05/01/2024

|          |       |       |      |  |       |  |  |  |       |  |    |
|----------|-------|-------|------|--|-------|--|--|--|-------|--|----|
| Arsenic  | ND    | 0.375 | mg/L |  | ND    |  |  |  |       |  | 20 |
| Barium   | 2.30  | 0.625 | "    |  | 2.29  |  |  |  | 0.453 |  | 20 |
| Cadmium  | 0.088 | 0.075 | "    |  | 0.086 |  |  |  | 2.52  |  | 20 |
| Chromium | ND    | 0.125 | "    |  | ND    |  |  |  |       |  | 20 |
| Lead     | 3.40  | 0.125 | "    |  | 3.40  |  |  |  | 0.135 |  | 20 |
| Selenium | ND    | 0.625 | "    |  | ND    |  |  |  |       |  | 20 |
| Silver   | ND    | 0.125 | "    |  | ND    |  |  |  |       |  | 20 |

**Leach Fluid Blank (BE40017-LBK1)**

Prepared & Analyzed: 05/01/2024

|          |    |       |      |  |  |  |  |  |  |  |  |
|----------|----|-------|------|--|--|--|--|--|--|--|--|
| Arsenic  | ND | 0.375 | mg/L |  |  |  |  |  |  |  |  |
| Barium   | ND | 0.625 | "    |  |  |  |  |  |  |  |  |
| Cadmium  | ND | 0.075 | "    |  |  |  |  |  |  |  |  |
| Chromium | ND | 0.125 | "    |  |  |  |  |  |  |  |  |
| Lead     | ND | 0.125 | "    |  |  |  |  |  |  |  |  |
| Selenium | ND | 0.625 | "    |  |  |  |  |  |  |  |  |
| Silver   | ND | 0.125 | "    |  |  |  |  |  |  |  |  |



**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 BE40017 - EPA 3015A/1311**

| <b>Matrix Spike (BE40017-MS1)</b> | *Source sample: 24D1795-01 (WC-1) |       |      |      |       |      | Prepared & Analyzed: 05/01/2024 |  |  |  |  |
|-----------------------------------|-----------------------------------|-------|------|------|-------|------|---------------------------------|--|--|--|--|
| Arsenic                           | 48.9                              | 0.375 | mg/L | 50.0 | ND    | 97.7 | 75-125                          |  |  |  |  |
| Barium                            | 54.5                              | 0.625 | "    | 50.0 | 2.29  | 104  | 75-125                          |  |  |  |  |
| Cadmium                           | 1.32                              | 0.075 | "    | 1.25 | 0.086 | 98.6 | 75-125                          |  |  |  |  |
| Chromium                          | 5.03                              | 0.125 | "    | 5.00 | ND    | 101  | 75-125                          |  |  |  |  |
| Lead                              | 15.6                              | 0.125 | "    | 12.5 | 3.40  | 97.6 | 75-125                          |  |  |  |  |
| Selenium                          | 49.5                              | 0.625 | "    | 50.0 | ND    | 99.1 | 75-125                          |  |  |  |  |
| Silver                            | 1.18                              | 0.125 | "    | 1.25 | ND    | 94.3 | 75-125                          |  |  |  |  |

| <b>Post Spike (BE40017-PS1)</b> | *Source sample: 24D1795-01 (WC-1) |  |       |        |         |      | Prepared & Analyzed: 05/01/2024 |          |  |  |  |
|---------------------------------|-----------------------------------|--|-------|--------|---------|------|---------------------------------|----------|--|--|--|
| Arsenic                         | 2.01                              |  | ug/mL | 2.00   | -0.005  | 100  | 75-125                          |          |  |  |  |
| Barium                          | 2.21                              |  | "     | 2.00   | 0.092   | 106  | 75-125                          |          |  |  |  |
| Cadmium                         | 0.054                             |  | "     | 0.0500 | 0.003   | 101  | 75-125                          |          |  |  |  |
| Chromium                        | 0.204                             |  | "     | 0.200  | 0.002   | 101  | 75-125                          |          |  |  |  |
| Lead                            | 0.635                             |  | "     | 0.500  | 0.136   | 99.8 | 75-125                          |          |  |  |  |
| Selenium                        | 2.04                              |  | "     | 2.00   | 0.0002  | 102  | 75-125                          |          |  |  |  |
| Silver                          | 0.012                             |  | "     | 0.0500 | 0.00005 | 23.4 | 75-125                          | Low Bias |  |  |  |

**Batch BE40020 - EPA 3050B**

| <b>Blank (BE40020-BLK1)</b> | Prepared: 05/01/2024 Analyzed: 05/02/2024 |       |           |  |  |  |  |  |  |  |  |
|-----------------------------|---|-------|-----------|--|--|--|--|--|--|--|--|
| Aluminum                    | ND  | 4.17  | mg/kg wet |  |  |  |  |  |  |  |  |
| Antimony                    | ND  | 2.08  | "         |  |  |  |  |  |  |  |  |
| Arsenic                     | ND  | 1.25  | "         |  |  |  |  |  |  |  |  |
| Barium                      | ND  | 2.08  | "         |  |  |  |  |  |  |  |  |
| Beryllium                   | ND  | 0.042 | "         |  |  |  |  |  |  |  |  |
| Cadmium                     | ND  | 0.250 | "         |  |  |  |  |  |  |  |  |
| Calcium                     | ND  | 4.17  | "         |  |  |  |  |  |  |  |  |
| Chromium                    | ND  | 0.417 | "         |  |  |  |  |  |  |  |  |
| Cobalt                      | ND  | 0.333 | "         |  |  |  |  |  |  |  |  |
| Copper                      | ND  | 1.67  | "         |  |  |  |  |  |  |  |  |
| Iron                        | ND  | 20.8  | "         |  |  |  |  |  |  |  |  |
| Lead                        | ND  | 0.417 | "         |  |  |  |  |  |  |  |  |
| Magnesium                   | ND  | 4.17  | "         |  |  |  |  |  |  |  |  |
| Manganese                   | ND  | 0.417 | "         |  |  |  |  |  |  |  |  |
| Nickel                      | ND  | 0.830 | "         |  |  |  |  |  |  |  |  |
| Potassium                   | 4.54                                      | 4.17  | "         |  |  |  |  |  |  |  |  |
| Selenium                    | ND  | 2.08  | "         |  |  |  |  |  |  |  |  |
| Silver                      | ND  | 0.420 | "         |  |  |  |  |  |  |  |  |
| Sodium                      | ND  | 41.7  | "         |  |  |  |  |  |  |  |  |
| Vanadium                    | ND  | 0.830 | "         |  |  |  |  |  |  |  |  |
| Zinc                        | ND  | 2.08  | "         |  |  |  |  |  |  |  |  |



Metals by ICP - Quality Control Data

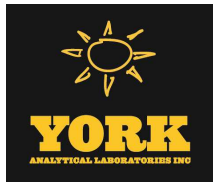
York Analytical Laboratories, Inc. - Stratford

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

Batch BE40020 - EPA 3050B

| Duplicate (BE40020-DUP1) | *Source sample: 24D1795-27 (WC-14) |       |           |  |      | Prepared: 05/01/2024 Analyzed: 05/02/2024 |  |  |      |    |          |
|--------------------------|------------------------------------|-------|-----------|--|------|---|--|--|------|----|----------|
| Aluminum                 | 6430                               | 6.39  | mg/kg dry |  | 3910 |   |  |  | 48.6 | 35 | Non-dir. |
| Antimony                 | ND                                 | 3.20  | "         |  | ND   |   |  |  |      | 35 |          |
| Arsenic                  | 4.59                               | 1.92  | "         |  | 2.22 |   |  |  | 69.7 | 35 | Non-dir. |
| Barium                   | 20.0                               | 3.19  | "         |  | 15.0 |   |  |  | 28.9 | 35 |          |
| Beryllium                | ND                                 | 0.064 | "         |  | ND   |   |  |  |      | 35 |          |
| Cadmium                  | 0.465                              | 0.384 | "         |  | ND   |   |  |  |      | 35 |          |
| Calcium                  | 1090                               | 6.39  | "         |  | 1030 |   |  |  | 5.07 | 35 |          |
| Chromium                 | 17.1                               | 0.640 | "         |  | 11.2 |   |  |  | 42.2 | 35 | Non-dir. |
| Cobalt                   | 4.79                               | 0.511 | "         |  | 3.74 |   |  |  | 24.6 | 35 |          |
| Copper                   | 13.2                               | 2.56  | "         |  | 11.0 |   |  |  | 18.5 | 35 |          |
| Iron                     | 11300                              | 32.0  | "         |  | 7840 |   |  |  | 36.4 | 35 | Non-dir. |
| Lead                     | 8.92                               | 0.640 | "         |  | 5.39 |   |  |  | 49.4 | 35 | Non-dir. |
| Magnesium                | 2460                               | 6.40  | "         |  | 1630 |   |  |  | 40.7 | 35 | Non-dir. |
| Manganese                | 122                                | 0.640 | "         |  | 73.7 |   |  |  | 49.4 | 35 | Non-dir. |
| Nickel                   | 23.0                               | 1.27  | "         |  | 16.0 |   |  |  | 35.6 | 35 | Non-dir. |
| Potassium                | 1350                               | 6.40  | "         |  | 851  |   |  |  | 45.4 | 35 | Non-dir. |
| Selenium                 | ND                                 | 3.20  | "         |  | ND   |   |  |  |      | 35 |          |
| Silver                   | ND                                 | 0.645 | "         |  | ND   |   |  |  |      | 35 |          |
| Sodium                   | 543                                | 63.9  | "         |  | 468  |   |  |  | 15.0 | 35 |          |
| Thallium                 | ND                                 | 3.20  | "         |  | ND   |   |  |  |      | 35 |          |
| Vanadium                 | 19.9                               | 1.27  | "         |  | 12.4 |   |  |  | 46.2 | 35 | Non-dir. |
| Zinc                     | 33.5                               | 3.18  | "         |  | 30.5 |   |  |  | 9.61 | 35 |          |

| Matrix Spike (BE40020-MS1) | *Source sample: 24D1795-27 (WC-14) |       |           |      |      | Prepared: 05/01/2024 Analyzed: 05/02/2024 |        |           |  |  |  |
|----------------------------|------------------------------------|-------|-----------|------|------|---|--------|-----------|--|--|--|
| Aluminum                   | 6140                               | 6.39  | mg/kg dry | 256  | 3910 | 871                                       | 75-125 | High Bias |  |  |  |
| Antimony                   | 11.7                               | 3.20  | "         | 32.0 | ND   | 36.6                                      | 75-125 | Low Bias  |  |  |  |
| Arsenic                    | 262                                | 1.92  | "         | 256  | 2.22 | 102                                       | 75-125 |           |  |  |  |
| Barium                     | 285                                | 3.19  | "         | 256  | 15.0 | 105                                       | 75-125 |           |  |  |  |
| Beryllium                  | 6.01                               | 0.064 | "         | 6.39 | ND   | 93.9                                      | 75-125 |           |  |  |  |
| Cadmium                    | 6.72                               | 0.384 | "         | 6.39 | ND   | 105                                       | 75-125 |           |  |  |  |
| Calcium                    | 1200                               | 6.39  | "         | 128  | 1030 | 128                                       | 75-125 | High Bias |  |  |  |
| Chromium                   | 43.0                               | 0.640 | "         | 25.6 | 11.2 | 124                                       | 75-125 |           |  |  |  |
| Cobalt                     | 69.8                               | 0.511 | "         | 63.9 | 3.74 | 103                                       | 75-125 |           |  |  |  |
| Copper                     | 49.3                               | 2.56  | "         | 32.0 | 11.0 | 120                                       | 75-125 |           |  |  |  |
| Iron                       | 11800                              | 32.0  | "         | 128  | 7840 | NR  | 75-125 | High Bias |  |  |  |
| Lead                       | 71.5                               | 0.640 | "         | 63.9 | 5.39 | 103                                       | 75-125 |           |  |  |  |
| Magnesium                  | 2380                               | 6.40  | "         | 128  | 1630 | 587                                       | 75-125 | High Bias |  |  |  |
| Manganese                  | 183                                | 0.640 | "         | 63.9 | 73.7 | 171                                       | 75-125 | High Bias |  |  |  |
| Nickel                     | 87.3                               | 1.27  | "         | 63.9 | 16.0 | 111                                       | 75-125 |           |  |  |  |
| Potassium                  | 1370                               | 6.40  | "         | 128  | 851  | 406                                       | 75-125 | High Bias |  |  |  |
| Selenium                   | 258                                | 3.20  | "         | 256  | ND   | 101                                       | 75-125 |           |  |  |  |
| Silver                     | 2.87                               | 0.645 | "         | 6.39 | ND   | 44.9                                      | 75-125 | Low Bias  |  |  |  |
| Sodium                     | 639                                | 63.9  | "         | 128  | 468  | 134                                       | 75-125 | High Bias |  |  |  |
| Thallium                   | 242                                | 3.20  | "         | 256  | ND   | 94.5                                      | 75-125 |           |  |  |  |
| Vanadium                   | 82.8                               | 1.27  | "         | 63.9 | 12.4 | 110                                       | 75-125 |           |  |  |  |
| Zinc                       | 96.2                               | 3.18  | "         | 63.9 | 30.5 | 103                                       | 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 BE40020 - EPA 3050B**

| <b>Post Spike (BE40020-PS1)</b> | <b>*Source sample: 24D1795-27 (WC-14)</b> |  |       |        |        |      | <b>Prepared: 05/01/2024 Analyzed: 05/02/2024</b> |           |  |  |  |  |
|---------------------------------|---|--|-------|--------|--------|------|--|-----------|--|--|--|--|
| Aluminum                        | 32.5                                      |  | ug/mL | 2.00   | 30.6   | 92.4 | 75-125   |           |  |  |  |  |
| Antimony                        | 0.250                                     |  | "     | 0.250  | 0.004  | 98.5 | 75-125   |           |  |  |  |  |
| Arsenic                         | 2.05                                      |  | "     | 2.00   | 0.017  | 102  | 75-125   |           |  |  |  |  |
| Barium                          | 2.22                                      |  | "     | 2.00   | 0.117  | 105  | 75-125   |           |  |  |  |  |
| Beryllium                       | 0.047                                     |  | "     | 0.0500 | -0.004 | 94.0 | 75-125   |           |  |  |  |  |
| Cadmium                         | 0.052                                     |  | "     | 0.0500 | 0.002  | 99.5 | 75-125   |           |  |  |  |  |
| Calcium                         | 8.95                                      |  | "     | 1.00   | 8.07   | 88.5 | 75-125   |           |  |  |  |  |
| Chromium                        | 0.289                                     |  | "     | 0.200  | 0.087  | 101  | 75-125   |           |  |  |  |  |
| Cobalt                          | 0.538                                     |  | "     | 0.500  | 0.029  | 102  | 75-125   |           |  |  |  |  |
| Copper                          | 0.360                                     |  | "     | 0.250  | 0.086  | 110  | 75-125   |           |  |  |  |  |
| Iron                            | 62.6                                      |  | "     | 1.00   | 61.3   | 126  | 75-125   | High Bias |  |  |  |  |
| Lead                            | 0.545                                     |  | "     | 0.500  | 0.042  | 101  | 75-125   |           |  |  |  |  |
| Magnesium                       | 13.7                                      |  | "     | 1.00   | 12.7   | 92.3 | 75-125   |           |  |  |  |  |
| Manganese                       | 1.09                                      |  | "     | 0.500  | 0.577  | 103  | 75-125   |           |  |  |  |  |
| Nickel                          | 0.635                                     |  | "     | 0.500  | 0.125  | 102  | 75-125   |           |  |  |  |  |
| Potassium                       | 7.66                                      |  | "     | 1.00   | 6.66   | 101  | 75-125   |           |  |  |  |  |
| Selenium                        | 2.04                                      |  | "     | 2.00   | -0.006 | 102  | 75-125   |           |  |  |  |  |
| Silver                          | -0.011                                    |  | "     | 0.0500 | -0.023 |      | 75-125   | Low Bias  |  |  |  |  |
| Sodium                          | 4.66                                      |  | "     | 1.00   | 3.66   | 100  | 75-125   |           |  |  |  |  |
| Thallium                        | 1.95                                      |  | "     | 2.00   | -0.009 | 97.3 | 75-125   |           |  |  |  |  |
| Vanadium                        | 0.600                                     |  | "     | 0.500  | 0.097  | 101  | 75-125   |           |  |  |  |  |
| Zinc                            | 0.706                                     |  | "     | 0.500  | 0.238  | 93.6 | 75-125   |           |  |  |  |  |

| <b>Reference (BE40020-SRM1)</b> | <b>Prepared: 05/01/2024 Analyzed: 05/02/2024</b> |       |           |       |  |      |            |          |  |  |  |
|---------------------------------|--|-------|-----------|-------|--|------|------------|----------|--|--|--|
| Aluminum                        | 10700  | 4.17  | mg/kg wet | 10000 |  | 107  | 44.8-128   |          |  |  |  |
| Antimony                        | 66.3   | 2.08  | "         | 276   |  | 24.0 | 2.17-110   |          |  |  |  |
| Arsenic                         | 184  | 1.25  | "         | 223   |  | 82.7 | 70.4-102.2 |          |  |  |  |
| Barium                          | 392  | 2.08  | "         | 445   |  | 88.2 | 77.9-110.8 |          |  |  |  |
| Beryllium                       | 105  | 0.042 | "         | 131   |  | 80.2 | 76.3-107.6 |          |  |  |  |
| Cadmium                         | 185  | 0.250 | "         | 226   |  | 82.1 | 88.1-104.9 | Low Bias |  |  |  |
| Calcium                         | 5260   | 4.17  | "         | 5860  |  | 89.7 | 78.3-111.9 |          |  |  |  |
| Chromium                        | 200  | 0.417 | "         | 230   |  | 86.9 | 73.5-107   |          |  |  |  |
| Cobalt                          | 223  | 0.333 | "         | 258   |  | 86.4 | 74.8-105.8 |          |  |  |  |
| Copper                          | 232  | 1.67  | "         | 239   |  | 97.2 | 75.3-105.9 |          |  |  |  |
| Iron                            | 7780   | 20.8  | "         | 8860  |  | 87.8 | 52.1-126.4 |          |  |  |  |
| Lead                            | 233  | 0.417 | "         | 275   |  | 84.8 | 74.2-108   |          |  |  |  |
| Magnesium                       | 2200   | 4.17  | "         | 2380  |  | 92.4 | 71.4-114.7 |          |  |  |  |
| Manganese                       | 283  | 0.417 | "         | 314   |  | 90.0 | 80.3-114.6 |          |  |  |  |
| Nickel                          | 101  | 0.830 | "         | 118   |  | 85.3 | 72-104.2   |          |  |  |  |
| Potassium                       | 2240   | 4.17  | "         | 2030  |  | 111  | 68.5-118.7 |          |  |  |  |
| Selenium                        | 123  | 2.08  | "         | 137   |  | 89.6 | 70.9-108.8 |          |  |  |  |
| Silver                          | 59.6   | 0.420 | "         | 75.3  |  | 79.1 | 72-110.1   |          |  |  |  |
| Sodium                          | 530  | 41.7  | "         | 453   |  | 117  | 70.6-118.1 |          |  |  |  |
| Thallium                        | 132  | 2.08  | "         | 165   |  | 79.7 | 70.9-106.7 |          |  |  |  |
| Vanadium                        | 155  | 0.830 | "         | 183   |  | 84.9 | 67.2-106.6 |          |  |  |  |
| Zinc                            | 236  | 2.08  | "         | 286   |  | 82.5 | 75.9-111.5 |          |  |  |  |



**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 BE40066 - EPA 3050B**

**Blank (BE40066-BLK1)**

Prepared: 05/01/2024 Analyzed: 05/02/2024

|           |      |       |           |  |  |  |  |  |  |  |  |
|-----------|------|-------|-----------|--|--|--|--|--|--|--|--|
| Aluminum  | ND   | 4.17  | mg/kg wet |  |  |  |  |  |  |  |  |
| Antimony  | ND   | 2.08  | "         |  |  |  |  |  |  |  |  |
| Arsenic   | ND   | 1.25  | "         |  |  |  |  |  |  |  |  |
| Barium    | ND   | 2.08  | "         |  |  |  |  |  |  |  |  |
| Beryllium | ND   | 0.042 | "         |  |  |  |  |  |  |  |  |
| Cadmium   | ND   | 0.250 | "         |  |  |  |  |  |  |  |  |
| Calcium   | ND   | 4.17  | "         |  |  |  |  |  |  |  |  |
| Chromium  | ND   | 0.417 | "         |  |  |  |  |  |  |  |  |
| Cobalt    | ND   | 0.333 | "         |  |  |  |  |  |  |  |  |
| Copper    | ND   | 1.67  | "         |  |  |  |  |  |  |  |  |
| Iron      | ND   | 20.8  | "         |  |  |  |  |  |  |  |  |
| Lead      | ND   | 0.417 | "         |  |  |  |  |  |  |  |  |
| Magnesium | ND   | 4.17  | "         |  |  |  |  |  |  |  |  |
| Manganese | ND   | 0.417 | "         |  |  |  |  |  |  |  |  |
| Nickel    | ND   | 0.830 | "         |  |  |  |  |  |  |  |  |
| Potassium | ND   | 4.17  | "         |  |  |  |  |  |  |  |  |
| Selenium  | ND   | 2.08  | "         |  |  |  |  |  |  |  |  |
| Silver    | ND   | 0.420 | "         |  |  |  |  |  |  |  |  |
| Sodium    | ND   | 41.7  | "         |  |  |  |  |  |  |  |  |
| Vanadium  | ND   | 0.830 | "         |  |  |  |  |  |  |  |  |
| Zinc      | 3.11 | 2.08  | "         |  |  |  |  |  |  |  |  |

**Duplicate (BE40066-DUP1)**

\*Source sample: 24D1941-03 (Duplicate)

Prepared: 05/01/2024 Analyzed: 05/02/2024

|           |       |       |           |  |       |  |  |  |       |    |  |
|-----------|-------|-------|-----------|--|-------|--|--|--|-------|----|--|
| Aluminum  | 11500 | 4.80  | mg/kg dry |  | 11800 |  |  |  | 2.64  | 35 |  |
| Antimony  | ND    | 2.40  | "         |  | ND    |  |  |  |       | 35 |  |
| Arsenic   | 3.07  | 1.44  | "         |  | 2.68  |  |  |  | 13.8  | 35 |  |
| Barium    | 75.9  | 2.40  | "         |  | 91.6  |  |  |  | 18.8  | 35 |  |
| Beryllium | ND    | 0.048 | "         |  | ND    |  |  |  |       | 35 |  |
| Cadmium   | 0.415 | 0.288 | "         |  | 0.486 |  |  |  | 15.9  | 35 |  |
| Calcium   | 2810  | 4.80  | "         |  | 3100  |  |  |  | 9.94  | 35 |  |
| Chromium  | 16.6  | 0.481 | "         |  | 17.6  |  |  |  | 5.88  | 35 |  |
| Cobalt    | 5.67  | 0.384 | "         |  | 5.94  |  |  |  | 4.67  | 35 |  |
| Copper    | 16.8  | 1.92  | "         |  | 18.6  |  |  |  | 10.5  | 35 |  |
| Iron      | 12200 | 24.0  | "         |  | 12500 |  |  |  | 2.72  | 35 |  |
| Lead      | 22.3  | 0.481 | "         |  | 22.9  |  |  |  | 2.55  | 35 |  |
| Magnesium | 3590  | 4.81  | "         |  | 3770  |  |  |  | 4.75  | 35 |  |
| Manganese | 350   | 0.481 | "         |  | 406   |  |  |  | 14.8  | 35 |  |
| Nickel    | 11.0  | 0.957 | "         |  | 12.4  |  |  |  | 11.5  | 35 |  |
| Potassium | 2350  | 4.81  | "         |  | 2320  |  |  |  | 1.67  | 35 |  |
| Selenium  | ND    | 2.40  | "         |  | ND    |  |  |  |       | 35 |  |
| Silver    | ND    | 0.484 | "         |  | ND    |  |  |  |       | 35 |  |
| Sodium    | 104   | 48.0  | "         |  | 99.0  |  |  |  | 4.53  | 35 |  |
| Thallium  | ND    | 2.40  | "         |  | ND    |  |  |  |       | 35 |  |
| Vanadium  | 28.2  | 0.957 | "         |  | 28.2  |  |  |  | 0.143 | 35 |  |
| Zinc      | 80.4  | 2.39  | "         |  | 87.1  |  |  |  | 8.08  | 35 |  |



**Metals by ICP - Quality Control Data**

**York Analytical Laboratories, Inc. - Stratford**

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

**Batch BE40066 - EPA 3050B**

| <b>Matrix Spike (BE40066-MS1)</b> | <b>*Source sample: 24D1941-03 (Matrix Spike)</b> |       |           |      |       |      | <b>Prepared: 05/01/2024 Analyzed: 05/02/2024</b> |          |  |  |  |
|-----------------------------------|--|-------|-----------|------|-------|------|--|----------|--|--|--|
| Aluminum                          | 11800  | 4.80  | mg/kg dry | 192  | 11800 | NR   | 75-125   | Low Bias |  |  |  |
| Antimony                          | 6.16   | 2.40  | "         | 24.0 | ND    | 25.7 | 75-125   | Low Bias |  |  |  |
| Arsenic                           | 187  | 1.44  | "         | 192  | 2.68  | 95.8 | 75-125   |          |  |  |  |
| Barium                            | 282  | 2.40  | "         | 192  | 91.6  | 99.2 | 75-125   |          |  |  |  |
| Beryllium                         | 3.86   | 0.048 | "         | 4.80 | ND    | 80.3 | 75-125   |          |  |  |  |
| Cadmium                           | 4.86   | 0.288 | "         | 4.80 | 0.486 | 91.1 | 75-125   |          |  |  |  |
| Calcium                           | 3130   | 4.80  | "         | 96.1 | 3100  | 34.4 | 75-125   | Low Bias |  |  |  |
| Chromium                          | 36.5   | 0.481 | "         | 19.2 | 17.6  | 98.2 | 75-125   |          |  |  |  |
| Cobalt                            | 49.6   | 0.384 | "         | 48.0 | 5.94  | 90.9 | 75-125   |          |  |  |  |
| Copper                            | 42.0   | 1.92  | "         | 24.0 | 18.6  | 97.5 | 75-125   |          |  |  |  |
| Iron                              | 11700  | 24.0  | "         | 96.1 | 12500 | NR   | 75-125   | Low Bias |  |  |  |
| Lead                              | 68.3   | 0.481 | "         | 48.0 | 22.9  | 94.5 | 75-125   |          |  |  |  |
| Magnesium                         | 3680   | 4.81  | "         | 96.1 | 3770  | NR   | 75-125   | Low Bias |  |  |  |
| Manganese                         | 408  | 0.481 | "         | 48.0 | 406   | 2.88 | 75-125   | Low Bias |  |  |  |
| Nickel                            | 55.9   | 0.957 | "         | 48.0 | 12.4  | 90.6 | 75-125   |          |  |  |  |
| Potassium                         | 2390   | 4.81  | "         | 96.1 | 2320  | 82.6 | 75-125   |          |  |  |  |
| Selenium                          | 182  | 2.40  | "         | 192  | ND    | 94.8 | 75-125   |          |  |  |  |
| Silver                            | ND   | 0.484 | "         | 4.80 | ND    |      | 75-125   | Low Bias |  |  |  |
| Sodium                            | 208  | 48.0  | "         | 96.1 | 99.0  | 114  | 75-125   |          |  |  |  |
| Thallium                          | 161  | 2.40  | "         | 192  | ND    | 83.9 | 75-125   |          |  |  |  |
| Vanadium                          | 82.7   | 0.957 | "         | 48.0 | 28.2  | 114  | 75-125   |          |  |  |  |
| Zinc                              | 139  | 2.39  | "         | 48.0 | 87.1  | 108  | 75-125   |          |  |  |  |

| <b>Post Spike (BE40066-PS1)</b> | <b>*Source sample: 24D1941-03 (Post Spike)</b> |  |       |        |        |      | <b>Prepared: 05/01/2024 Analyzed: 05/02/2024</b> |           |  |  |  |
|---------------------------------|--|--|-------|--------|--------|------|--|-----------|--|--|--|
| Aluminum                        | 127  |  | ug/mL | 2.00   | 123    | 198  | 75-125   | High Bias |  |  |  |
| Antimony                        | 0.236  |  | "     | 0.250  | 0.003  | 93.5 | 75-125   |           |  |  |  |
| Arsenic                         | 2.04   |  | "     | 2.00   | 0.028  | 100  | 75-125   |           |  |  |  |
| Barium                          | 2.89   |  | "     | 2.00   | 0.954  | 96.8 | 75-125   |           |  |  |  |
| Beryllium                       | 0.040  |  | "     | 0.0500 | -0.009 | 79.1 | 75-125   |           |  |  |  |
| Cadmium                         | 0.052  |  | "     | 0.0500 | 0.005  | 94.0 | 75-125   |           |  |  |  |
| Calcium                         | 32.9   |  | "     | 1.00   | 32.3   | 63.0 | 75-125   | Low Bias  |  |  |  |
| Chromium                        | 0.370  |  | "     | 0.200  | 0.184  | 93.0 | 75-125   |           |  |  |  |
| Cobalt                          | 0.530  |  | "     | 0.500  | 0.062  | 93.6 | 75-125   |           |  |  |  |
| Copper                          | 0.460  |  | "     | 0.250  | 0.194  | 106  | 75-125   |           |  |  |  |
| Iron                            | 130  |  | "     | 1.00   | 131    | NR   | 75-125   | Low Bias  |  |  |  |
| Lead                            | 0.696  |  | "     | 0.500  | 0.238  | 91.5 | 75-125   |           |  |  |  |
| Magnesium                       | 39.7   |  | "     | 1.00   | 39.2   | 49.8 | 75-125   | Low Bias  |  |  |  |
| Manganese                       | 4.69   |  | "     | 0.500  | 4.23   | 93.2 | 75-125   |           |  |  |  |
| Nickel                          | 0.597  |  | "     | 0.500  | 0.129  | 93.6 | 75-125   |           |  |  |  |
| Potassium                       | 25.7   |  | "     | 1.00   | 24.1   | 159  | 75-125   | High Bias |  |  |  |
| Selenium                        | 2.01   |  | "     | 2.00   | -0.005 | 100  | 75-125   |           |  |  |  |
| Silver                          | -0.045   |  | "     | 0.0500 | -0.057 |      | 75-125   | Low Bias  |  |  |  |
| Sodium                          | 2.09   |  | "     | 1.00   | 1.03   | 106  | 75-125   |           |  |  |  |
| Thallium                        | 1.74   |  | "     | 2.00   | -0.024 | 87.1 | 75-125   |           |  |  |  |
| Vanadium                        | 0.763  |  | "     | 0.500  | 0.294  | 93.9 | 75-125   |           |  |  |  |
| Zinc                            | 1.34   |  | "     | 0.500  | 0.907  | 86.5 | 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 BE40066 - EPA 3050B**

**Reference (BE40066-SRM1)**

Prepared: 05/01/2024 Analyzed: 05/02/2024

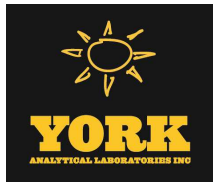
|           |       |       |           |       |  |      |            |          |  |  |  |
|-----------|-------|-------|-----------|-------|--|------|------------|----------|--|--|--|
| Aluminum  | 10200 | 4.17  | mg/kg wet | 10000 |  | 102  | 44.8-128   |          |  |  |  |
| Antimony  | 70.0  | 2.08  | "         | 276   |  | 25.4 | 2.17-110   |          |  |  |  |
| Arsenic   | 182   | 1.25  | "         | 223   |  | 81.7 | 70.4-102.2 |          |  |  |  |
| Barium    | 412   | 2.08  | "         | 445   |  | 92.6 | 77.9-110.8 |          |  |  |  |
| Beryllium | 105   | 0.042 | "         | 131   |  | 79.8 | 76.3-107.6 |          |  |  |  |
| Cadmium   | 187   | 0.250 | "         | 226   |  | 82.7 | 88.1-104.9 | Low Bias |  |  |  |
| Calcium   | 5280  | 4.17  | "         | 5860  |  | 90.2 | 78.3-111.9 |          |  |  |  |
| Chromium  | 197   | 0.417 | "         | 230   |  | 85.8 | 73.5-107   |          |  |  |  |
| Cobalt    | 223   | 0.333 | "         | 258   |  | 86.3 | 74.8-105.8 |          |  |  |  |
| Copper    | 231   | 1.67  | "         | 239   |  | 96.5 | 75.3-105.9 |          |  |  |  |
| Iron      | 7630  | 20.8  | "         | 8860  |  | 86.2 | 52.1-126.4 |          |  |  |  |
| Lead      | 234   | 0.417 | "         | 275   |  | 85.1 | 74.2-108   |          |  |  |  |
| Magnesium | 2140  | 4.17  | "         | 2380  |  | 89.8 | 71.4-114.7 |          |  |  |  |
| Manganese | 281   | 0.417 | "         | 314   |  | 89.4 | 80.3-114.6 |          |  |  |  |
| Nickel    | 100   | 0.830 | "         | 118   |  | 84.8 | 72-104.2   |          |  |  |  |
| Potassium | 2060  | 4.17  | "         | 2030  |  | 101  | 68.5-118.7 |          |  |  |  |
| Selenium  | 120   | 2.08  | "         | 137   |  | 87.8 | 70.9-108.8 |          |  |  |  |
| Silver    | 61.9  | 0.420 | "         | 75.3  |  | 82.2 | 72-110.1   |          |  |  |  |
| Sodium    | 433   | 41.7  | "         | 453   |  | 95.5 | 70.6-118.1 |          |  |  |  |
| Thallium  | 134   | 2.08  | "         | 165   |  | 81.1 | 70.9-106.7 |          |  |  |  |
| Vanadium  | 154   | 0.830 | "         | 183   |  | 84.4 | 67.2-106.6 |          |  |  |  |
| Zinc      | 240   | 2.08  | "         | 286   |  | 83.9 | 75.9-111.5 |          |  |  |  |

**Batch BE40110 - EPA 3015A/1311**

**Blank (BE40110-BLK1)**

Prepared & Analyzed: 05/02/2024

|          |    |       |      |  |  |  |  |  |  |  |  |
|----------|----|-------|------|--|--|--|--|--|--|--|--|
| Arsenic  | ND | 0.017 | mg/L |  |  |  |  |  |  |  |  |
| Barium   | ND | 0.028 | "    |  |  |  |  |  |  |  |  |
| Cadmium  | ND | 0.003 | "    |  |  |  |  |  |  |  |  |
| Chromium | ND | 0.006 | "    |  |  |  |  |  |  |  |  |
| Lead     | ND | 0.006 | "    |  |  |  |  |  |  |  |  |
| Selenium | ND | 0.028 | "    |  |  |  |  |  |  |  |  |
| Silver   | ND | 0.006 | "    |  |  |  |  |  |  |  |  |



**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 BE40110 - EPA 3015A/1311**

**LCS (BE40110-BS1)**

Prepared & Analyzed: 05/02/2024

|          |       |  |       |        |  |      |        |  |  |  |  |
|----------|-------|--|-------|--------|--|------|--------|--|--|--|--|
| Arsenic  | 1.95  |  | ug/mL | 2.00   |  | 97.3 | 80-120 |  |  |  |  |
| Barium   | 2.10  |  | "     | 2.00   |  | 105  | 80-120 |  |  |  |  |
| Cadmium  | 0.049 |  | "     | 0.0500 |  | 98.8 | 80-120 |  |  |  |  |
| Chromium | 0.204 |  | "     | 0.200  |  | 102  | 80-120 |  |  |  |  |
| Lead     | 0.506 |  | "     | 0.500  |  | 101  | 80-120 |  |  |  |  |
| Selenium | 1.92  |  | "     | 2.00   |  | 95.8 | 80-120 |  |  |  |  |
| Silver   | 0.048 |  | "     | 0.0500 |  | 95.1 | 80-120 |  |  |  |  |

**Leach Fluid Blank (BE40110-LBK1)**

Prepared & Analyzed: 05/02/2024

|          |    |       |      |  |  |  |  |  |  |  |  |
|----------|----|-------|------|--|--|--|--|--|--|--|--|
| Arsenic  | ND | 0.375 | mg/L |  |  |  |  |  |  |  |  |
| Barium   | ND | 0.625 | "    |  |  |  |  |  |  |  |  |
| Cadmium  | ND | 0.075 | "    |  |  |  |  |  |  |  |  |
| Chromium | ND | 0.125 | "    |  |  |  |  |  |  |  |  |
| Lead     | ND | 0.125 | "    |  |  |  |  |  |  |  |  |
| Selenium | ND | 0.625 | "    |  |  |  |  |  |  |  |  |
| Silver   | ND | 0.125 | "    |  |  |  |  |  |  |  |  |



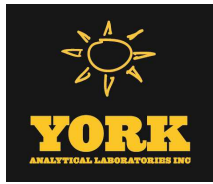
**Metals by ICP/MS - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

| Analyte                            | Result | Reporting Limit | Units     | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag                                      |
|------------------------------------|--------|-----------------|-----------|-------------|----------------|------|-------------|------|-----|-----------|---|
| <b>Batch BD42239 - EPA 3050B</b>   |        |                 |           |             |                |      |             |      |     |           |   |
| <b>Blank (BD42239-BLK1)</b>        |        |                 |           |             |                |      |             |      |     |           |   |
| Thallium                           | ND     | 0.100           | mg/kg wet |             |                |      |             |      |     |           | Prepared: 04/30/2024 Analyzed: 05/01/2024 |
| <b>Duplicate (BD42239-DUP1)</b>    |        |                 |           |             |                |      |             |      |     |           |   |
| *Source sample: 24D1795-31 (WC-16) |        |                 |           |             |                |      |             |      |     |           |   |
| Thallium                           | ND     | 0.117           | mg/kg dry |             | ND             |      |             |      |     |           | Prepared: 04/30/2024 Analyzed: 05/01/2024 |
| <b>Matrix Spike (BD42239-MS1)</b>  |        |                 |           |             |                |      |             |      |     |           |   |
| *Source sample: 24D1795-31 (WC-16) |        |                 |           |             |                |      |             |      |     |           |   |
| Thallium                           | 43.4   |                 | ug/L      | 50.0        | 0.452          | 85.8 | 75-125      |      |     |           | Prepared: 04/30/2024 Analyzed: 05/01/2024 |
| <b>Reference (BD42239-SRM1)</b>    |        |                 |           |             |                |      |             |      |     |           |   |
| Thallium                           | 120    | 0.100           | mg/kg wet | 165         |                | 72.9 | 0-200       |      |     |           | Prepared: 04/30/2024 Analyzed: 05/01/2024 |



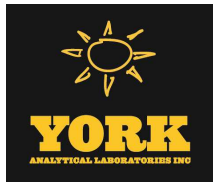
**Mercury by EPA 7000/200 Series Methods - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

| Analyte                                 | Result    | Reporting Limit | Units     | Spike Level | Source* Result | %REC | %REC Limits | Flag     | RPD | RPD Limit | Flag  |
|---|-----------|-----------------|-----------|-------------|----------------|------|-------------|----------|-----|-----------|---|
| <b>Batch BD42243 - EPA 7473 soil</b>    |           |                 |           |             |                |      |             |          |     |           |   |
| <b>Blank (BD42243-BLK1)</b>             |           |                 |           |             |                |      |             |          |     |           | Prepared & Analyzed: 04/30/2024   |
| Mercury                                 | ND        | 0.0300          | mg/kg wet |             |                |      |             |          |     |           |   |
| <b>Duplicate (BD42243-DUP1)</b>         |           |                 |           |             |                |      |             |          |     |           | *Source sample: 24D1413-03 (Duplicate) Prepared & Analyzed: 04/30/2024    |
| Mercury                                 | ND        | 0.0318          | mg/kg dry |             | ND             |      |             |          |     |           | 35  |
| <b>Matrix Spike (BD42243-MS1)</b>       |           |                 |           |             |                |      |             |          |     |           | *Source sample: 24D1413-03 (Matrix Spike) Prepared & Analyzed: 04/30/2024 |
| Mercury                                 | 0.357     |                 | mg/kg     | 0.500       | 0.0102         | 69.3 | 75-125      | Low Bias |     |           |   |
| <b>Reference (BD42243-SRM1)</b>         |           |                 |           |             |                |      |             |          |     |           | Prepared & Analyzed: 04/30/2024   |
| Mercury                                 | 17.853    |                 | mg/kg     | 18.2        |                | 98.1 | 59.9-140.1  |          |     |           |   |
| <b>Batch BE40021 - EPA SW846-7470A</b>  |           |                 |           |             |                |      |             |          |     |           |   |
| <b>Blank (BE40021-BLK1)</b>             |           |                 |           |             |                |      |             |          |     |           | Prepared & Analyzed: 05/01/2024   |
| Mercury                                 | ND        | 0.000200        | mg/L      |             |                |      |             |          |     |           |   |
| <b>Blank (BE40021-BLK2)</b>             |           |                 |           |             |                |      |             |          |     |           | Prepared & Analyzed: 05/01/2024   |
| Mercury                                 | ND        | 0.000200        | mg/L      |             |                |      |             |          |     |           |   |
| <b>LCS (BE40021-BS1)</b>                |           |                 |           |             |                |      |             |          |     |           | Prepared & Analyzed: 05/01/2024   |
| Mercury                                 | 0.00215   | 0.000200        | mg/L      | 0.00200     |                | 108  | 80-120      |          |     |           |   |
| <b>LCS (BE40021-BS2)</b>                |           |                 |           |             |                |      |             |          |     |           | Prepared & Analyzed: 05/01/2024   |
| Mercury                                 | 0.00201   | 0.000200        | mg/L      | 0.00200     |                | 100  | 80-120      |          |     |           |   |
| <b>Leach Fluid Blank (BE40021-LBK1)</b> |           |                 |           |             |                |      |             |          |     |           | Prepared & Analyzed: 05/01/2024   |
| Mercury                                 | 0.0000952 | 0.000200        | 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                            |
|---|--------|-----------------|-----------|-------------|----------------|------|-------------|------|------|-----------|---------------------------------|
| <b>Batch BE40043 - EPA 7473 soil</b>      |        |                 |           |             |                |      |             |      |      |           |                                 |
| <b>Blank (BE40043-BLK1)</b>               |        |                 |           |             |                |      |             |      |      |           |                                 |
| Mercury                                   | ND     | 0.0300          | mg/kg wet |             |                |      |             |      |      |           | Prepared & Analyzed: 05/01/2024 |
| <b>Duplicate (BE40043-DUP1)</b>           |        |                 |           |             |                |      |             |      |      |           |                                 |
| *Source sample: 24D1779-17 (Duplicate)    |        |                 |           |             |                |      |             |      |      |           |                                 |
| Mercury                                   | 0.225  | 0.0332          | mg/kg dry |             | 0.205          |      |             |      | 9.33 | 35        | Prepared & Analyzed: 05/01/2024 |
| <b>Matrix Spike (BE40043-MS1)</b>         |        |                 |           |             |                |      |             |      |      |           |                                 |
| *Source sample: 24D1779-17 (Matrix Spike) |        |                 |           |             |                |      |             |      |      |           |                                 |
| Mercury                                   | 0.667  |                 | mg/kg     | 0.500       | 0.185          | 96.3 | 75-125      |      |      |           | Prepared & Analyzed: 05/01/2024 |
| <b>Reference (BE40043-SRM1)</b>           |        |                 |           |             |                |      |             |      |      |           |                                 |
| Mercury                                   | 19.845 |                 | mg/kg     | 18.2        |                | 109  | 59.9-140.1  |      |      |           | Prepared & Analyzed: 05/01/2024 |



**Anions by Ion Chromatography - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

| Analyte                             | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD   | RPD Limit                       | Flag |
|-------------------------------------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-------|---------------------------------|------|
| <b>Batch BE40156 - EPA 300/1312</b> |        |                 |       |             |                |      |             |      |       |                                 |      |
| <b>Blank (BE40156-BLK1)</b>         |        |                 |       |             |                |      |             |      |       |                                 |      |
|                                     |        |                 |       |             |                |      |             |      |       | Prepared & Analyzed: 05/01/2024 |      |
| Chloride                            | ND     | 0.500           | mg/L  |             |                |      |             |      |       |                                 |      |
| <b>LCS (BE40156-BS1)</b>            |        |                 |       |             |                |      |             |      |       |                                 |      |
|                                     |        |                 |       |             |                |      |             |      |       | Prepared & Analyzed: 05/01/2024 |      |
| Chloride                            | 10.1   | 0.500           | mg/L  | 10.0        |                | 101  | 85-115      |      |       |                                 |      |
| <b>Duplicate (BE40156-DUP1)</b>     |        |                 |       |             |                |      |             |      |       |                                 |      |
| *Source sample: 24D1795-01 (WC-1)   |        |                 |       |             |                |      |             |      |       | Prepared & Analyzed: 05/01/2024 |      |
| Chloride                            | 1.94   | 0.500           | mg/L  |             | 1.97           |      |             |      | 1.63  | 15                              |      |
| <b>Duplicate (BE40156-DUP2)</b>     |        |                 |       |             |                |      |             |      |       |                                 |      |
| *Source sample: 24D1795-15 (WC-8)   |        |                 |       |             |                |      |             |      |       | Prepared & Analyzed: 05/02/2024 |      |
| Chloride                            | 65.3   | 5.00            | mg/L  |             | 65.5           |      |             |      | 0.270 | 15                              |      |



**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 |
|---|--------|--|----------|-------------|----------------|------|---------------------------------|------|-------|-----------|------|
| <b>Batch BD42176 - Analysis Preparation</b> |        |  |          |             |                |      |                                 |      |       |           |      |
| <b>Duplicate (BD42176-DUP1)</b>             |        | *Source sample: 24D1746-06 (Duplicate) |          |             |                |      | Prepared & Analyzed: 04/29/2024 |      |       |           |      |
| pH  | 11.6   | 0.500                                  | pH units |             | 11.6           |      |                                 |      | 0.258 | 10        |      |
| Temperature                                 | 23.6   | 1.00                                   | °C       |             | 23.6           |      |                                 |      | 0.00  | 200       |      |
| <b>Batch BD42179 - Analysis Preparation</b> |        |  |          |             |                |      |                                 |      |       |           |      |
| <b>Blank (BD42179-BLK1)</b>                 |        |  |          |             |                |      | Prepared & Analyzed: 04/29/2024 |      |       |           |      |
| Reactivity - Cyanide                        | ND     | 0.250                                  | mg/kg    |             |                |      |                                 |      |       |           |      |
| <b>Batch BD42180 - Analysis Preparation</b> |        |  |          |             |                |      |                                 |      |       |           |      |
| <b>Blank (BD42180-BLK1)</b>                 |        |  |          |             |                |      | Prepared & Analyzed: 04/29/2024 |      |       |           |      |
| Reactivity - Sulfide                        | ND     | 15.0                                   | mg/kg    |             |                |      |                                 |      |       |           |      |
| <b>Duplicate (BD42180-DUP1)</b>             |        | *Source sample: 24D1795-21 (WC-11)     |          |             |                |      | Prepared & Analyzed: 04/29/2024 |      |       |           |      |
| Reactivity - Sulfide                        | 48.0   | 15.0                                   | mg/kg    |             | 40.0           |      |                                 |      | 18.2  | 50        |      |
| <b>Batch BD42256 - Analysis Preparation</b> |        |  |          |             |                |      |                                 |      |       |           |      |
| <b>Duplicate (BD42256-DUP1)</b>             |        | *Source sample: 24D1752-04 (Duplicate) |          |             |                |      | Prepared & Analyzed: 04/30/2024 |      |       |           |      |
| pH  | 6.99   | 0.500                                  | pH units |             | 6.94           |      |                                 |      | 0.718 | 10        |      |
| Temperature                                 | 21.6   | 1.00                                   | °C       |             | 21.6           |      |                                 |      | 0.00  | 200       |      |
| <b>Batch BD42260 - Analysis Preparation</b> |        |  |          |             |                |      |                                 |      |       |           |      |
| <b>Blank (BD42260-BLK1)</b>                 |        |  |          |             |                |      | Prepared & Analyzed: 04/30/2024 |      |       |           |      |
| Reactivity - Cyanide                        | ND     | 0.250                                  | mg/kg    |             |                |      |                                 |      |       |           |      |



**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 BD42261 - Analysis Preparation**

|                                 |      |      |       |  |      |  |  |  |      |    |                                    |  |                                 |  |
|---------------------------------|------|------|-------|--|------|--|--|--|------|----|------------------------------------|--|---------------------------------|--|
| <b>Blank (BD42261-BLK1)</b>     |      |      |       |  |      |  |  |  |      |    | Prepared & Analyzed: 04/30/2024    |  |                                 |  |
| Reactivity - Sulfide            | ND   | 15.0 | mg/kg |  |      |  |  |  |      |    |                                    |  |                                 |  |
| <b>Duplicate (BD42261-DUP1)</b> |      |      |       |  |      |  |  |  |      |    | *Source sample: 24D1795-31 (WC-16) |  | Prepared & Analyzed: 04/30/2024 |  |
| Reactivity - Sulfide            | 40.0 | 15.0 | mg/kg |  | 64.0 |  |  |  | 46.2 | 50 |                                    |  |                                 |  |

**Batch BE40001 - Analysis Preparation Soil**

|  |      |       |           |      |    |     |            |  |       |     |   |  |                                 |  |
|--|------|-------|-----------|------|----|-----|------------|--|-------|-----|---|--|---------------------------------|--|
| <b>Blank (BE40001-BLK1)</b>            |      |       |           |      |    |     |            |  |       |     | Prepared & Analyzed: 05/01/2024               |  |                                 |  |
| Cyanide, total                         | ND   | 0.500 | mg/kg wet |      |    |     |            |  |       |     |   |  |                                 |  |
| <b>Duplicate (BE40001-DUP1)</b>        |      |       |           |      |    |     |            |  |       |     | *Source sample: 24D1779-12 (Duplicate)        |  | Prepared & Analyzed: 05/01/2024 |  |
| Cyanide, total                         | ND   | 0.553 | mg/kg dry |      | ND |     |            |  |       | 15  |   |  |                                 |  |
| <b>Matrix Spike (BE40001-MS1)</b>      |      |       |           |      |    |     |            |  |       |     | *Source sample: 24D1779-12 (Matrix Spike)     |  | Prepared & Analyzed: 05/01/2024 |  |
| Cyanide, total                         | 5.65 | 0.553 | mg/kg dry | 5.53 | ND | 102 | 79.6-107   |  |       |     |   |  |                                 |  |
| <b>Matrix Spike Dup (BE40001-MSD1)</b> |      |       |           |      |    |     |            |  |       |     | *Source sample: 24D1779-12 (Matrix Spike Dup) |  | Prepared & Analyzed: 05/01/2024 |  |
| Cyanide, total                         | 5.59 | 0.553 | mg/kg dry | 5.53 | ND | 101 | 79.6-107   |  | 0.985 | 200 |   |  |                                 |  |
| <b>Reference (BE40001-SRM1)</b>        |      |       |           |      |    |     |            |  |       |     | Prepared & Analyzed: 05/01/2024               |  |                                 |  |
| Cyanide, total                         | 62.1 |       | ug/mL     | 59.7 |    | 104 | 38.5-161.4 |  |       |     |   |  |                                 |  |

**Batch BE40002 - Analysis Preparation Soil**

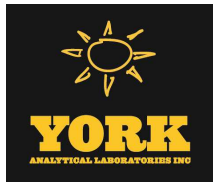
|                             |    |       |           |  |  |  |  |  |  |  |                                 |  |
|-----------------------------|----|-------|-----------|--|--|--|--|--|--|--|---------------------------------|--|
| <b>Blank (BE40002-BLK1)</b> |    |       |           |  |  |  |  |  |  |  | Prepared & Analyzed: 05/01/2024 |  |
| Cyanide, total              | ND | 0.500 | mg/kg wet |  |  |  |  |  |  |  |                                 |  |





**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 |  |
|--|--------|---|-----------|-------------|----------------|------|-------------|---------------------------------|------|-----------|------|--|
| <b>Batch BE40002 - Analysis Preparation Soil</b> |        |   |           |             |                |      |             |                                 |      |           |      |  |
| <b>Duplicate (BE40002-DUP1)</b>                  |        | *Source sample: 24D1795-09 (WC-5)             |           |             |                |      |             | Prepared & Analyzed: 05/01/2024 |      |           |      |  |
| Cyanide, total                                   | ND     | 0.596   | mg/kg dry |             | ND             |      |             |                                 |      | 15        |      |  |
| <b>Matrix Spike (BE40002-MS1)</b>                |        | *Source sample: 24D1795-09 (WC-5)             |           |             |                |      |             | Prepared & Analyzed: 05/01/2024 |      |           |      |  |
| Cyanide, total                                   | 5.78   | 0.596   | mg/kg dry | 5.96        | ND             | 97.0 | 79.6-107    |                                 |      |           |      |  |
| <b>Matrix Spike Dup (BE40002-MSD1)</b>           |        | *Source sample: 24D1795-09 (WC-5)             |           |             |                |      |             | Prepared & Analyzed: 05/01/2024 |      |           |      |  |
| Cyanide, total                                   | 5.78   | 0.596   | mg/kg dry | 5.96        | ND             | 97.0 | 79.6-107    |                                 | 0.00 | 200       |      |  |
| <b>Reference (BE40002-SRM1)</b>                  |        |   |           |             |                |      |             | Prepared & Analyzed: 05/01/2024 |      |           |      |  |
| Cyanide, total                                   | 68.1   |   | ug/mL     | 59.7        |                | 114  | 38.5-161.4  |                                 |      |           |      |  |
| <b>Batch BE40059 - EPA SW846-3060</b>            |        |   |           |             |                |      |             |                                 |      |           |      |  |
| <b>Blank (BE40059-BLK1)</b>                      |        |   |           |             |                |      |             | Prepared & Analyzed: 05/01/2024 |      |           |      |  |
| Chromium, Hexavalent                             | ND     | 0.500   | mg/kg wet |             |                |      |             |                                 |      |           |      |  |
| <b>Duplicate (BE40059-DUP1)</b>                  |        | *Source sample: 24D1779-15 (Duplicate)        |           |             |                |      |             | Prepared & Analyzed: 05/01/2024 |      |           |      |  |
| Chromium, Hexavalent                             | ND     | 0.546   | mg/kg dry |             | ND             |      |             |                                 |      | 35        |      |  |
| <b>Matrix Spike (BE40059-MS1)</b>                |        | *Source sample: 24D1779-15 (Matrix Spike)     |           |             |                |      |             | Prepared & Analyzed: 05/01/2024 |      |           |      |  |
| Chromium, Hexavalent                             | 17.9   | 0.546   | mg/kg dry | 21.8        | ND             | 82.2 | 75-125      |                                 |      |           |      |  |
| <b>Matrix Spike Dup (BE40059-MSD1)</b>           |        | *Source sample: 24D1779-15 (Matrix Spike Dup) |           |             |                |      |             | Prepared & Analyzed: 05/01/2024 |      |           |      |  |
| Chromium, Hexavalent                             | 17.9   | 0.546   | mg/kg dry | 21.8        | ND             | 82.2 | 75-125      |                                 | 0.00 | 200       |      |  |
| <b>Reference (BE40059-SRM1)</b>                  |        |   |           |             |                |      |             | Prepared & Analyzed: 05/01/2024 |      |           |      |  |
| Chromium, Hexavalent                             | 115    |   | mg/L      | 126         |                | 91.3 | 33.1-203.9  |                                 |      |           |      |  |



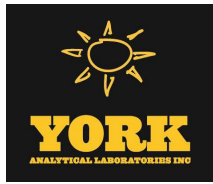
**Wet Chemistry Parameters - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

| Analyte   | Result | Reporting Limit | Units     | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD  | RPD Limit | Flag |
|---|--------|-----------------|-----------|-------------|----------------|------|-------------|------|------|-----------|------|
| <b>Batch BE40068 - EPA SW846-3060</b>   |        |                 |           |             |                |      |             |      |      |           |      |
| <b>Blank (BE40068-BLK1)</b> <span style="float:right">Prepared &amp; Analyzed: 05/01/2024</span>            |        |                 |           |             |                |      |             |      |      |           |      |
| Chromium, Hexavalent  | ND     | 0.500           | mg/kg wet |             |                |      |             |      |      |           |      |
| <b>Duplicate (BE40068-DUP1)</b> <span style="float:right">Prepared &amp; Analyzed: 05/01/2024</span>        |        |                 |           |             |                |      |             |      |      |           |      |
| Chromium, Hexavalent  | ND     | 0.550           | mg/kg dry |             | ND             |      |             |      |      | 35        |      |
| <b>Matrix Spike (BE40068-MS1)</b> <span style="float:right">Prepared &amp; Analyzed: 05/01/2024</span>      |        |                 |           |             |                |      |             |      |      |           |      |
| Chromium, Hexavalent  | 20.4   | 0.550           | mg/kg dry | 22.0        | ND             | 92.8 | 75-125      |      |      |           |      |
| <b>Matrix Spike Dup (BE40068-MSD1)</b> <span style="float:right">Prepared &amp; Analyzed: 05/01/2024</span> |        |                 |           |             |                |      |             |      |      |           |      |
| Chromium, Hexavalent  | 21.3   | 0.550           | mg/kg dry | 22.0        | ND             | 97.0 | 75-125      |      | 4.43 | 200       |      |
| <b>Reference (BE40068-SRM1)</b> <span style="float:right">Prepared &amp; Analyzed: 05/01/2024</span>        |        |                 |           |             |                |      |             |      |      |           |      |
| Chromium, Hexavalent  | 159    |                 | mg/L      | 126         |                | 126  | 33.1-203.9  |      |      |           |      |



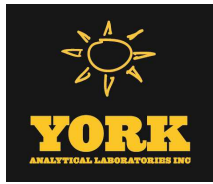
**Miscellaneous Physical Parameters - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

| Analyte                              | Result                                 | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag | RPD    | RPD Limit | Flag |
|--------------------------------------|--|-----------------|-------|-------------|----------------|---------------------------------|-------------|------|--------|-----------|------|
| <b>Batch BD42114 - % Solids Prep</b> |  |                 |       |             |                |                                 |             |      |        |           |      |
| <b>Duplicate (BD42114-DUP1)</b>      | *Source sample: 24D1795-15 (WC-8)      |                 |       |             |                | Prepared & Analyzed: 04/29/2024 |             |      |        |           |      |
| % Solids                             | 72.4                                   | 0.100           | %     |             | 71.5           |                                 |             |      | 1.26   | 20        |      |
| <b>Batch BD42206 - % Solids Prep</b> |  |                 |       |             |                |                                 |             |      |        |           |      |
| <b>Duplicate (BD42206-DUP1)</b>      | *Source sample: 24D1856-01 (Duplicate) |                 |       |             |                | Prepared & Analyzed: 04/30/2024 |             |      |        |           |      |
| % Solids                             | 99.8                                   | 0.100           | %     |             | 99.8           |                                 |             |      | 0.0127 | 20        |      |
| <b>Batch BD42288 - % Solids Prep</b> |  |                 |       |             |                |                                 |             |      |        |           |      |
| <b>Duplicate (BD42288-DUP1)</b>      | *Source sample: 24D1943-02 (Duplicate) |                 |       |             |                | Prepared & Analyzed: 04/30/2024 |             |      |        |           |      |
| % Solids                             | 72.3                                   | 0.100           | %     |             | 77.6           |                                 |             |      | 6.96   | 20        |      |



**Leachate Preparations - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

| Analyte  | Result    | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|--|-----------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
| <b>Batch BD42079 - EPA SW 846-1311 TCLP ext. for metals</b>          |           |                 |       |             |                |      |             |      |     |           |      |
| <b>Blank (BD42079-BLK1)</b>  |           |                 |       |             |                |      |             |      |     |           |      |
| Prepared: 04/27/2024 Analyzed: 04/28/2024                            |           |                 |       |             |                |      |             |      |     |           |      |
| TCLP Extraction  | Completed | 1.00            | N/A   |             |                |      |             |      |     |           |      |
| <b>Batch BD42080 - EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS</b> |           |                 |       |             |                |      |             |      |     |           |      |
| <b>Blank (BD42080-BLK1)</b>  |           |                 |       |             |                |      |             |      |     |           |      |
| Prepared: 04/27/2024 Analyzed: 04/28/2024                            |           |                 |       |             |                |      |             |      |     |           |      |
| TCLP Extraction  | Completed | 1.00            | N/A   |             |                |      |             |      |     |           |      |
| <b>Batch BD42082 - EPA SW 846-1311 TCLP ZHE for VOA</b>              |           |                 |       |             |                |      |             |      |     |           |      |
| <b>Blank (BD42082-BLK1)</b>  |           |                 |       |             |                |      |             |      |     |           |      |
| Prepared: 04/27/2024 Analyzed: 04/28/2024                            |           |                 |       |             |                |      |             |      |     |           |      |
| TCLP Extraction  | Completed | 1.00            | N/A   |             |                |      |             |      |     |           |      |
| <b>Batch BD42099 - EPA SW 846-1312 SPLP for Extr. for Wet Chem</b>   |           |                 |       |             |                |      |             |      |     |           |      |
| <b>Blank (BD42099-BLK1)</b>  |           |                 |       |             |                |      |             |      |     |           |      |
| Prepared: 04/28/2024 Analyzed: 04/29/2024                            |           |                 |       |             |                |      |             |      |     |           |      |
| SPLP Extraction  | Completed | 1.00            | N/A   |             |                |      |             |      |     |           |      |
| <b>Batch BD42281 - EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS</b> |           |                 |       |             |                |      |             |      |     |           |      |
| <b>Blank (BD42281-BLK1)</b>  |           |                 |       |             |                |      |             |      |     |           |      |
| Prepared: 04/30/2024 Analyzed: 05/01/2024                            |           |                 |       |             |                |      |             |      |     |           |      |
| TCLP Extraction  | Completed | 1.00            | N/A   |             |                |      |             |      |     |           |      |
| <b>Batch BD42282 - EPA SW 846-1311 TCLP ext. for metals</b>          |           |                 |       |             |                |      |             |      |     |           |      |
| <b>Blank (BD42282-BLK1)</b>  |           |                 |       |             |                |      |             |      |     |           |      |
| Prepared: 04/30/2024 Analyzed: 05/01/2024                            |           |                 |       |             |                |      |             |      |     |           |      |
| TCLP Extraction  | Completed | 1.00            | N/A   |             |                |      |             |      |     |           |      |



**Leachate Preparations - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

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

**Batch BE40082 - EPA SW 846-1311 TCLP ZHE for VOA**

**Blank (BE40082-BLK1)**

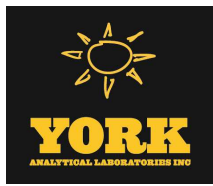
Prepared: 05/01/2024 Analyzed: 05/02/2024

|                 |           |      |     |  |  |  |  |  |  |  |  |
|-----------------|-----------|------|-----|--|--|--|--|--|--|--|--|
| TCLP Extraction | Completed | 1.00 | N/A |  |  |  |  |  |  |  |  |
|-----------------|-----------|------|-----|--|--|--|--|--|--|--|--|



### Volatile Analysis Sample Containers

| Lab ID     | Client Sample ID | Volatile Sample Container         |
|------------|------------------|-----------------------------------|
| 24D1795-01 | WC-1             | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-02 | WC-1 (g)         | 40mL Vial with Stir Bar-Cool 4° C |
| 24D1795-03 | WC-2             | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-04 | WC-2 (g)         | 40mL Vial with Stir Bar-Cool 4° C |
| 24D1795-05 | WC-3             | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-06 | WC-3 (g)         | 40mL Vial with Stir Bar-Cool 4° C |
| 24D1795-07 | WC-4             | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-08 | WC-4 (g)         | 40mL Vial with Stir Bar-Cool 4° C |
| 24D1795-09 | WC-5             | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-10 | WC-5 (g)         | 40mL Vial with Stir Bar-Cool 4° C |
| 24D1795-11 | WC-6             | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-12 | WC-6 (g)         | 40mL Vial with Stir Bar-Cool 4° C |
| 24D1795-13 | WC-7             | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-14 | WC-7 (g)         | 40mL Vial with Stir Bar-Cool 4° C |
| 24D1795-15 | WC-8             | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-16 | WC-8 (g)         | 40mL Vial with Stir Bar-Cool 4° C |
| 24D1795-17 | WC-9             | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-18 | WC-9 (g)         | 40mL Vial with Stir Bar-Cool 4° C |
| 24D1795-19 | WC-10            | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-20 | WC-10 (g)        | 40mL Vial with Stir Bar-Cool 4° C |
| 24D1795-21 | WC-11            | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-22 | WC-11 (g)        | 40mL Vial with Stir Bar-Cool 4° C |
| 24D1795-23 | WC-12            | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-24 | WC-12 (g)        | 40mL Vial with Stir Bar-Cool 4° C |
| 24D1795-25 | WC-13            | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-26 | WC-13 (g)        | 40mL Vial with Stir Bar-Cool 4° C |
| 24D1795-27 | WC-14            | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-28 | WC-14 (g)        | 40mL Vial with Stir Bar-Cool 4° C |
| 24D1795-29 | WC-15            | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-30 | WC-15 (g)        | 40mL Vial with Stir Bar-Cool 4° C |
| 24D1795-31 | WC-16            | 40mL 01_Clear Vial Cool to 4° C   |
| 24D1795-32 | WC-16 (g)        | 40mL Vial with Stir Bar-Cool 4° C |



## Sample and Data Qualifiers Relating to This Work Order

|          |  |
|----------|--|
| J        | Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.                            |
| CAL-E    | The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)  |
| 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).           |
| EXT-COMP | Completed  |
| EXT-EM   | The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.   |
| EXT-Temp | Extraction temperature slightly exceeded acceptance range.   |
| ICVE     | The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).                                     |
| B        | Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.  |
| 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.   |
| WTCLP_AM | Due to sample amount submitted, TCLP preparation was set up with less than the EPA method guideline.   |
| M-CCV1   | The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.  |
| M-SPKM   | The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.   |
| P        | This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.   |
| PF-01    | No Free Liquid   |
| 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. |
| S-08     | The recovery of this surrogate was outside of QC limits.   |
| S-GC     | Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.   |
| IGN-01   | Non-Ignit.   |

## Definitions and Other Explanations

|             |  |
|-------------|--|
| *           | Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.   |
| ND          | NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)  |
| RL          | REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.   |
| LOQ         | LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses. |
| LOD         | LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.   |
| MDL         | METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.  |
| Reported to | This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.                             |
| NR          | Not reported   |



RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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





# Field Chain-of-Custody Record

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

YORK Project No. 24D1795

Page 1 of 3

**YOUR Information**

Company: EcoTerra Consulting  
 Address: 234 Stetson Rd  
Lexatoway, NY  
 Phone: 732-624-9999  
 Contact: H. Patel  
 E-mail: hpatel@ecoterraconsulting.com

**Report To:** \_\_\_\_\_  
**Invoice To:** \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Address: Same  
 Phone: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

**YOUR Project Number** \_\_\_\_\_  
**YOUR Project Name** Four Sparrows  
**YOUR PO#:** \_\_\_\_\_

**Turn-Around Time**  
 RUSH - Next Day \_\_\_\_\_  
 RUSH - Two Day \_\_\_\_\_  
 RUSH - Three Day \_\_\_\_\_  
 RUSH - Four Day X  
 RUSH - Five Day \_\_\_\_\_  
**Standard (6-9 Day)** \_\_\_\_\_  
 PFAS Standard is 7-10 Days

**Matrix Codes**  
 S - soil / solid  
 GW - groundwater  
 DW - drinking water  
 WW - wastewater  
 O - Oil | Other \_\_\_\_\_

**Report / EDD Type (circle selections)**  
 Summary Report  
 QA Report  
 CMDP  
 Standard Excel EDD  
 NY ASP B Package Other: \_\_\_\_\_

**YORK Reg. Comp.**  
 Compared to the following Regulation(s): (please fill in)  
 CT RCP \_\_\_\_\_  
 CT RCP DQA/DUE \_\_\_\_\_  
 NJDEP Reduced \_\_\_\_\_  
 Deliverables \_\_\_\_\_  
 NJDEP SRP HazSite \_\_\_\_\_

**Samples Collected by:** (print AND sign your name) HP

| Sample Identification | Matrix | Date/Time Sampled | Samples From | Analyses Requested | Container Type | No. |
|-----------------------|--------|-------------------|--------------|--------------------|----------------|-----|
| WC-1                  | S      | 4/26/24           | New York     | See attached       | 8oz jar        | 2   |
| WC-1(g)               |        |                   | New Jersey   |                    | Tuberc         | 1   |
| WC-2                  |        |                   | Connecticut  |                    |                |     |
| WC-2(g)               |        |                   | Pennsylvania |                    |                |     |
| WC-3                  |        |                   | Other:       |                    |                |     |
| WC-3(g)               |        |                   |              |                    |                |     |
| WC-4                  |        |                   |              |                    |                |     |
| WC-4(g)               |        |                   |              |                    |                |     |
| WC-5                  |        |                   |              |                    |                |     |
| WC-5(g)               |        |                   |              |                    |                |     |

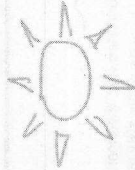
**Comments:**

**Preservation: (check all that apply)**  
 HCl \_\_\_\_\_ MeOH \_\_\_\_\_ HNO3 \_\_\_\_\_ H2SO4 \_\_\_\_\_ NaOH \_\_\_\_\_  
 ZrAc \_\_\_\_\_ Ascorbic Acid \_\_\_\_\_ Other: \_\_\_\_\_

**Special Instruction**  
 Field Filtered \_\_\_\_\_  
 Lab to Filter \_\_\_\_\_

**1. Samples Relinquished by / Company** HP Date/Time 4/26/24  
**2. Samples Received by / Company** Ram Prasad Date/Time 4/26/24  
**3. Samples Relinquished by / Company** Alberto Date/Time 4/26/24  
**4. Samples Received by / Company** Ram Prasad Date/Time 4/26/24

**Temperature** \_\_\_\_\_ Degrees C



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YORK Project No. **24D1795**

Page **2** of **3**

|                         |        |                   |        |                    |        |                            |   |
|-------------------------|--------|-------------------|--------|--------------------|--------|----------------------------|---|
| <b>YOUR Information</b> |        | <b>Report To:</b> |        | <b>Invoice To:</b> |        | <b>YOUR Project Number</b> |   |
| Company:                |        | Company:          |        | Company:           |        | <b>Turn-Around Time</b>    |   |
| Address:                | Same → | Address:          | Same → | Address:           | Same → | RUSH - Next Day            |   |
| Phone:                  | Same → | Phone:            | Same → | Phone:             | Same → | RUSH - Two Day             |   |
| Contact:                |        | Contact:          |        | Contact:           |        | RUSH - Three Day           | X |
| E-mail:                 |        | E-mail:           |        | E-mail:            |        | RUSH - Four Day            |   |
|                         |        |                   |        |                    |        | RUSH - Five Day            |   |

**Matrix-Codes**  
 S - soil / solid  
 GW - groundwater  
 DW - drinking water  
 WW - wastewater  
 O - Oil  
 Other

**Report / EDD Type (circle selections)**  
 Summary Report  
 QA Report  
 CMDP  
 Standard Excel EDD  
 NY ASP B Package Other:

| Sample Identification | Sample Matrix | Date/Time Sampled | Analyses Requested | Container Type | No. |
|-----------------------|---------------|-------------------|--------------------|----------------|-----|
| WC-6                  | S             | 4/26/24           | See attached       | 8oz jars       | 2   |
| WC-6(g)               |               |                   |                    | Tetrapack      | 1   |
| WC-7                  |               |                   |                    |                |     |
| WC-7(g)               |               |                   |                    |                |     |
| WC-8                  |               |                   |                    |                |     |
| WC-8(g)               |               |                   |                    |                |     |
| WC-9                  |               |                   |                    |                |     |
| WC-9(g)               |               |                   |                    |                |     |
| WC-10                 |               |                   |                    |                |     |
| WC-10(g)              |               |                   |                    |                |     |

**Comments:**

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

**Special Instruction**  
 Field Filtered   
 Lab to Filter

**1. Samples Relinquished by / Company**  
 Date/Time: 4/26/24  
 Signature: [Signature]

**2. Samples Relinquished by / Company**  
 Date/Time: 4/26/24  
 Signature: [Signature]

**3. Samples Relinquished by / Company**  
 Date/Time: 4/26/24  
 Signature: [Signature]

**4. Samples Received in LAB by**  
 Date/Time: 4/26/24 20:35  
 Signature: [Signature]

**Temperature**  
 1.8 Degrees C



# Field Chain-of-Custody Record

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YORK Project No. 24D1795

Page 3 of 3

**YOUR INFORMATION**

Company: \_\_\_\_\_ Address: Same Phone: \_\_\_\_\_ Contact: \_\_\_\_\_ E-mail: \_\_\_\_\_

**Report To:** \_\_\_\_\_

Company: \_\_\_\_\_ Address: Same Phone: \_\_\_\_\_ Contact: \_\_\_\_\_ E-mail: \_\_\_\_\_

**Invoice To:** \_\_\_\_\_

Company: \_\_\_\_\_ Address: \_\_\_\_\_ Phone: \_\_\_\_\_ Contact: \_\_\_\_\_ E-mail: \_\_\_\_\_

**YOUR PROJECT NUMBER**

YOUR Project Name: four Sparrows

YOUR PO#: \_\_\_\_\_

**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 is 7-10 Days

**Report / EDD Type (circle selections)**

Matrix Codes: S - soil / solid, GW - groundwater, DW - drinking water, WW - wastewater, O - Oil, Other: \_\_\_\_\_

Samples From: X New York, New Jersey, Connecticut, Pennsylvania, Other: \_\_\_\_\_

Report / EDD Type: Summary Report, QA Report, CMDP, Standard Excel EDD, NY ASP B Package, Other: \_\_\_\_\_

YORK Reg. Comp. Compared to the following Regulation(s): (please fill in)

Samples Collected by: (print AND sign your name) HP

| Sample Identification | Sample Matrix | Date/Time Sampled | Analyses Requested | Container Type | No. |
|-----------------------|---------------|-------------------|--------------------|----------------|-----|
| WC-11                 | S             | 4/26/24           | See attached       | 8oz glass      | 2   |
| WC-12                 | S             |                   |                    | Tenaxone       | 1   |
| WC-12(g)              |               |                   |                    |                |     |
| WC-13(g)              |               |                   |                    |                |     |
| WC-13(g)              |               |                   |                    |                |     |
| WC-14                 |               |                   |                    |                |     |
| WC-14(g)              |               |                   |                    |                |     |
| WC-15                 |               |                   |                    |                |     |
| WC-15(g)              |               |                   |                    |                |     |
| WC-16                 |               |                   |                    |                |     |
| WC-16(g)              |               |                   |                    |                |     |

**Comments:** \_\_\_\_\_

**Preservation: (check all that apply)**

HCl \_\_\_\_\_ MeOH \_\_\_\_\_ HNO3 \_\_\_\_\_ H2SO4 \_\_\_\_\_ NaOH \_\_\_\_\_

ZnAc \_\_\_\_\_ Ascorbic Acid \_\_\_\_\_ Other: \_\_\_\_\_

Samples Relinquished at time of lab pickup: circle Yes or No

1. Samples Relinquished by / Company: YORK Date/Time: 4/26/24

2. Samples Relinquished by / Company: Same Date/Time: 4/26/24

3. Samples Relinquished by / Company: Same Date/Time: 4/26/24

4. Samples Relinquished by / Company: \_\_\_\_\_ Date/Time: \_\_\_\_\_

**Special Instruction**

Field Filtered \_\_\_\_\_

Lab to Filter \_\_\_\_\_

Date/Time: 4/26/24

Date/Time: 4/26/24

Date/Time: 4/26/24

Date/Time: \_\_\_\_\_

Samples Received in LAB by: 22 4/26/24 20:35

Temperature: 1.8 Degrees C

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Hetansh Patel  
Ecoterra Consulting LLC  
234 Stelton Road  
Suite-2B  
Piscataway, New Jersey 08854

Generated 5/31/2024 11:28:58 PM

## JOB DESCRIPTION

Four Sparrows

## JOB NUMBER

460-304730-1

# Eurofins Edison

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

## Authorization



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Authorized for release by  
Omayra Penas, Senior Project Manager  
[Omayra.Penas@et.eurofinsus.com](mailto:Omayra.Penas@et.eurofinsus.com)  
Designee for  
Elizabeth Flannery, Project Manager I  
[Elizabeth.Flannery@et.eurofinsus.com](mailto:Elizabeth.Flannery@et.eurofinsus.com)  
(732)549-3900



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# Definitions/Glossary

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-304730-1

## Qualifiers

### GC Semi VOA

| Qualifier | Qualifier Description                                    |
|-----------|--|
| S1-       | Surrogate recovery exceeds control limits, low biased.   |
| U         | Indicates the analyte was analyzed for but not detected. |

## Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|---|
| α              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery  |
| CFL            | Contains Free Liquid  |
| CFU            | Colony Forming Unit   |
| CNF            | Contains No Free Liquid   |
| DER            | Duplicate Error Ratio (normalized absolute difference)  |
| Dil Fac        | Dilution Factor   |
| DL             | Detection Limit (DoD/DOE)   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)   |
| EDL            | Estimated Detection Limit (Dioxin)  |
| LOD            | Limit of Detection (DoD/DOE)  |
| LOQ            | Limit of Quantitation (DoD/DOE)   |
| MCL            | EPA recommended "Maximum Contaminant Level"   |
| MDA            | Minimum Detectable Activity (Radiochemistry)  |
| MDC            | Minimum Detectable Concentration (Radiochemistry)   |
| MDL            | Method Detection Limit  |
| ML             | Minimum Level (Dioxin)  |
| MPN            | Most Probable Number  |
| MQL            | Method Quantitation Limit   |
| NC             | Not Calculated  |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)  |
| NEG            | Negative / Absent   |
| POS            | Positive / Present  |
| PQL            | Practical Quantitation Limit  |
| PRES           | Presumptive   |
| QC             | Quality Control   |
| RER            | Relative Error Ratio (Radiochemistry)   |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)   |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)   |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)   |
| TNTC           | Too Numerous To Count   |

# Case Narrative

Client: Ecoterra Consulting LLC  
Project: Four Sparrows

Job ID: 460-304730-1

Job ID: 460-304730-1

Eurofins Edison

## CASE NARRATIVE

**Client: Ecoterra Consulting LLC**

**Project: Four Sparrows**

**Report Number: 460-304730-1**

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

### Receipt

The samples were received on 5/29/2024 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 22.8°C.

The following samples were received at the laboratory outside the required temperature criteria: DS-1-A (460-304730-1), DS-1-B (460-304730-2), DS-1-C (460-304730-3), DS-1-D (460-304730-4), DS-16-A (460-304730-5), DS-16-B (460-304730-6), WC-16-1 (460-304730-7), WC-16-2 (460-304730-8), WC-16-3 (460-304730-9), WC-16-4 (460-304730-10), WC-16-5 (460-304730-11) and WC-16-6 (460-304730-12). There was no cooling media present in the cooler. The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis

The Chain-of-Custody (COC) was incomplete as received. No collection times on COC or samples.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

### POLYCHLORINATED BIPHENYLS

Samples DS-1-A (460-304730-1), DS-1-B (460-304730-2), DS-1-C (460-304730-3) and DS-1-D (460-304730-4) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 05/30/2024 and analyzed on 05/31/2024.

The continuing calibration verification (CCV) for Aroclor 1254 recovered outside the lower control limit on the secondary column but within control limits on the primary column. The samples associated with this CCV reported for Aroclor 1254 on the primary column. (CCV 460-977694/19)

Eurofins Edison



# Case Narrative

Client: Ecoterra Consulting LLC  
Project: Four Sparrows

Job ID: 460-304730-1

**Job ID: 460-304730-1 (Continued)**

**Eurofins Edison**

Refer to the QC report for details.

The following sample was diluted due to abundance of target analytes: DS-1-C (460-304730-3). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Samples DS-1-A (460-304730-1)[10X], DS-1-C (460-304730-3)[50X] and DS-1-D (460-304730-4)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

## **METALS - TCLP**

Samples DS-1-A (460-304730-1), DS-1-B (460-304730-2), DS-1-C (460-304730-3), DS-1-D (460-304730-4), DS-16-A (460-304730-5), DS-16-B (460-304730-6), WC-16-1 (460-304730-7), WC-16-2 (460-304730-8), WC-16-3 (460-304730-9), WC-16-4 (460-304730-10), WC-16-5 (460-304730-11) and WC-16-6 (460-304730-12) were analyzed for Metals - TCLP in accordance with EPA SW-846 Method 6020B - TCLP/1311. The samples were leached on 05/30/2024, and prepared and analyzed on 05/31/2024.

No difficulties were encountered during the TCLP Metals analysis.

All quality control parameters were within the acceptance limits.

## **METALS - TOTAL (ICP/MS)**

Samples DS-1-A (460-304730-1), DS-1-B (460-304730-2), DS-1-C (460-304730-3), DS-1-D (460-304730-4), DS-16-A (460-304730-5), DS-16-B (460-304730-6), WC-16-1 (460-304730-7), WC-16-2 (460-304730-8), WC-16-3 (460-304730-9), WC-16-4 (460-304730-10), WC-16-5 (460-304730-11) and WC-16-6 (460-304730-12) were analyzed for Metals - Total (ICP/MS) in accordance with EPA SW-846 Method 6020B - Total. The samples were prepared on 05/30/2024 and analyzed on 05/30/2024 and 05/31/2024.

Lead failed the recovery criteria low for the MS of sample DS-1-BMS (460-304730-2) in batch 460-977574.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Lead exceeded the RPD limit for the duplicate of sample DS-1-BDU (460-304730-2).

Refer to the QC report for details.

Sample WC-16-6 (460-304730-12)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

## **PERCENT SOLIDS/PERCENT MOISTURE**

Samples DS-1-A (460-304730-1), DS-1-B (460-304730-2), DS-1-C (460-304730-3), DS-1-D (460-304730-4), DS-16-A (460-304730-5), DS-16-B (460-304730-6), WC-16-1 (460-304730-7), WC-16-2 (460-304730-8), WC-16-3 (460-304730-9), WC-16-4 (460-304730-10), WC-16-5 (460-304730-11) and WC-16-6 (460-304730-12) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 05/29/2024.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

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# Client Sample Results

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-304730-1

**Client Sample ID: DS-1-A**  
**Date Collected: 05/29/24 00:00**  
**Date Received: 05/29/24 10:20**

**Lab Sample ID: 460-304730-1**  
**Matrix: Solid**  
**Percent Solids: 83.8**

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte                                 | Result      | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---|-------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Aroclor 1016                            | 210         | U         | 800      | 210 | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 15:01 | 10      |
| Aroclor 1221                            | 210         | U         | 800      | 210 | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 15:01 | 10      |
| Aroclor 1232                            | 210         | U         | 800      | 210 | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 15:01 | 10      |
| Aroclor 1242                            | 210         | U         | 800      | 210 | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 15:01 | 10      |
| <b>Aroclor 1248</b>                     | <b>7500</b> |           | 800      | 210 | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 15:01 | 10      |
| Aroclor 1254                            | 210         | U         | 800      | 210 | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 15:01 | 10      |
| Aroclor 1260                            | 210         | U         | 800      | 210 | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 15:01 | 10      |
| <b>Aroclor-1262</b>                     | <b>1400</b> |           | 800      | 210 | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 15:01 | 10      |
| Aroclor 1268                            | 210         | U         | 800      | 210 | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 15:01 | 10      |
| <b>Polychlorinated biphenyls, Total</b> | <b>8900</b> |           | 800      | 210 | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 15:01 | 10      |
| Surrogate                               | %Recovery   | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl                  | 106         |           | 34 - 150 |     |       |   | 05/30/24 10:24 | 05/31/24 15:01 | 10      |
| DCB Decachlorobiphenyl                  | 140         |           | 34 - 150 |     |       |   | 05/30/24 10:24 | 05/31/24 15:01 | 10      |
| Tetrachloro-m-xylene                    | 73          |           | 34 - 150 |     |       |   | 05/30/24 10:24 | 05/31/24 15:01 | 10      |
| Tetrachloro-m-xylene                    | 108         |           | 34 - 150 |     |       |   | 05/30/24 10:24 | 05/31/24 15:01 | 10      |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte     | Result      | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------|-------------|-----------|------|------|-------|---|----------------|----------------|---------|
| <b>Lead</b> | <b>1020</b> |           | 0.69 | 0.23 | mg/Kg | ☼ | 05/30/24 06:57 | 05/30/24 22:29 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - TCLP

| Analyte     | Result      | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------|-------------|-----------|------|-----|------|---|----------------|----------------|---------|
| <b>Lead</b> | <b>1040</b> |           | 12.0 | 8.4 | ug/L |   | 05/31/24 08:31 | 05/31/24 16:34 | 10      |

## General Chemistry

| Analyte                                | Result      | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|--|-------------|-----------|-----|-----|------|---|----------|----------------|---------|
| <b>Percent Moisture (EPA Moisture)</b> | <b>16.2</b> |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |
| <b>Percent Solids (EPA Moisture)</b>   | <b>83.8</b> |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |

**Client Sample ID: DS-1-B**  
**Date Collected: 05/29/24 00:00**  
**Date Received: 05/29/24 10:20**

**Lab Sample ID: 460-304730-2**  
**Matrix: Solid**  
**Percent Solids: 90.8**

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte                                 | Result     | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---|------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Aroclor 1016                            | 20         | U         | 74       | 20  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:54 | 1       |
| Aroclor 1221                            | 20         | U         | 74       | 20  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:54 | 1       |
| Aroclor 1232                            | 20         | U         | 74       | 20  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:54 | 1       |
| Aroclor 1242                            | 20         | U         | 74       | 20  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:54 | 1       |
| Aroclor 1248                            | 20         | U         | 74       | 20  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:54 | 1       |
| <b>Aroclor 1254</b>                     | <b>460</b> |           | 74       | 20  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:54 | 1       |
| Aroclor 1260                            | 20         | U         | 74       | 20  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:54 | 1       |
| Aroclor-1262                            | 20         | U         | 74       | 20  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:54 | 1       |
| Aroclor 1268                            | 20         | U         | 74       | 20  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:54 | 1       |
| <b>Polychlorinated biphenyls, Total</b> | <b>460</b> |           | 74       | 20  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:54 | 1       |
| Surrogate                               | %Recovery  | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl                  | 112        |           | 34 - 150 |     |       |   | 05/30/24 10:24 | 05/31/24 13:54 | 1       |
| DCB Decachlorobiphenyl                  | 119        |           | 34 - 150 |     |       |   | 05/30/24 10:24 | 05/31/24 13:54 | 1       |
| Tetrachloro-m-xylene                    | 98         |           | 34 - 150 |     |       |   | 05/30/24 10:24 | 05/31/24 13:54 | 1       |

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# Client Sample Results

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-304730-1

**Client Sample ID: DS-1-B**

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

**Lab Sample ID: 460-304730-2**

Matrix: Solid

Percent Solids: 90.8

**Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene | 128       |           | 34 - 150 | 05/30/24 10:24 | 05/31/24 13:54 | 1       |

**Method: SW846 6020B - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead    | 77.4   |           | 0.66 | 0.22 | mg/Kg | ☆ | 05/30/24 06:57 | 05/30/24 22:24 | 1       |

**Method: SW846 6020B - Metals (ICP/MS) - TCLP**

| Analyte | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| Lead    | 79.7   |           | 12.0 | 8.4 | ug/L |   | 05/31/24 08:31 | 05/31/24 16:37 | 10      |

**General Chemistry**

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 9.2    |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |
| Percent Solids (EPA Moisture)   | 90.8   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |

**Client Sample ID: DS-1-C**

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

**Lab Sample ID: 460-304730-3**

Matrix: Solid

Percent Solids: 81.9

**Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

| Analyte                                 | Result       | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---|--------------|-----------|------|------|-------|---|----------------|----------------|---------|
| Aroclor 1016                            | 1100         | U         | 4100 | 1100 | ug/Kg | ☆ | 05/30/24 10:24 | 05/31/24 14:43 | 50      |
| Aroclor 1221                            | 1100         | U         | 4100 | 1100 | ug/Kg | ☆ | 05/30/24 10:24 | 05/31/24 14:43 | 50      |
| Aroclor 1232                            | 1100         | U         | 4100 | 1100 | ug/Kg | ☆ | 05/30/24 10:24 | 05/31/24 14:43 | 50      |
| Aroclor 1242                            | 1100         | U         | 4100 | 1100 | ug/Kg | ☆ | 05/30/24 10:24 | 05/31/24 14:43 | 50      |
| Aroclor 1248                            | 1100         | U         | 4100 | 1100 | ug/Kg | ☆ | 05/30/24 10:24 | 05/31/24 14:43 | 50      |
| <b>Aroclor 1254</b>                     | <b>46000</b> |           | 4100 | 1100 | ug/Kg | ☆ | 05/30/24 10:24 | 05/31/24 14:43 | 50      |
| Aroclor 1260                            | 1100         | U         | 4100 | 1100 | ug/Kg | ☆ | 05/30/24 10:24 | 05/31/24 14:43 | 50      |
| Aroclor-1262                            | 1100         | U         | 4100 | 1100 | ug/Kg | ☆ | 05/30/24 10:24 | 05/31/24 14:43 | 50      |
| Aroclor 1268                            | 1100         | U         | 4100 | 1100 | ug/Kg | ☆ | 05/30/24 10:24 | 05/31/24 14:43 | 50      |
| <b>Polychlorinated biphenyls, Total</b> | <b>46000</b> |           | 4100 | 1100 | ug/Kg | ☆ | 05/30/24 10:24 | 05/31/24 14:43 | 50      |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 0         | S1-       | 34 - 150 | 05/30/24 10:24 | 05/31/24 14:43 | 50      |
| DCB Decachlorobiphenyl | 0         | S1-       | 34 - 150 | 05/30/24 10:24 | 05/31/24 14:43 | 50      |
| Tetrachloro-m-xylene   | 0         | S1-       | 34 - 150 | 05/30/24 10:24 | 05/31/24 14:43 | 50      |
| Tetrachloro-m-xylene   | 0         | S1-       | 34 - 150 | 05/30/24 10:24 | 05/31/24 14:43 | 50      |

**Method: SW846 6020B - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead    | 874    |           | 0.70 | 0.23 | mg/Kg | ☆ | 05/30/24 06:57 | 05/30/24 22:32 | 1       |

**Method: SW846 6020B - Metals (ICP/MS) - TCLP**

| Analyte | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| Lead    | 645    |           | 12.0 | 8.4 | ug/L |   | 05/31/24 08:31 | 05/31/24 16:39 | 10      |

**General Chemistry**

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 18.1   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |
| Percent Solids (EPA Moisture)   | 81.9   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |

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# Client Sample Results

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-304730-1

**Client Sample ID: DS-1-D**  
**Date Collected: 05/29/24 00:00**  
**Date Received: 05/29/24 10:20**

**Lab Sample ID: 460-304730-4**  
**Matrix: Solid**  
**Percent Solids: 85.3**

**Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

| Analyte                                 | Result      | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---|-------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Aroclor 1016                            | 42          | U         | 160      | 42  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:10 | 2       |
| Aroclor 1221                            | 42          | U         | 160      | 42  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:10 | 2       |
| Aroclor 1232                            | 42          | U         | 160      | 42  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:10 | 2       |
| Aroclor 1242                            | 42          | U         | 160      | 42  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:10 | 2       |
| Aroclor 1248                            | 42          | U         | 160      | 42  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:10 | 2       |
| <b>Aroclor 1254</b>                     | <b>1300</b> |           | 160      | 42  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:10 | 2       |
| Aroclor 1260                            | 42          | U         | 160      | 42  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:10 | 2       |
| Aroclor-1262                            | 42          | U         | 160      | 42  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:10 | 2       |
| Aroclor 1268                            | 42          | U         | 160      | 42  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:10 | 2       |
| <b>Polychlorinated biphenyls, Total</b> | <b>1300</b> |           | 160      | 42  | ug/Kg | ☼ | 05/30/24 10:24 | 05/31/24 13:10 | 2       |
| Surrogate                               | %Recovery   | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl                  | 91          |           | 34 - 150 |     |       |   | 05/30/24 10:24 | 05/31/24 13:10 | 2       |
| DCB Decachlorobiphenyl                  | 104         |           | 34 - 150 |     |       |   | 05/30/24 10:24 | 05/31/24 13:10 | 2       |
| Tetrachloro-m-xylene                    | 60          |           | 34 - 150 |     |       |   | 05/30/24 10:24 | 05/31/24 13:10 | 2       |
| Tetrachloro-m-xylene                    | 76          |           | 34 - 150 |     |       |   | 05/30/24 10:24 | 05/31/24 13:10 | 2       |

**Method: SW846 6020B - Metals (ICP/MS)**

| Analyte     | Result      | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------|-------------|-----------|------|------|-------|---|----------------|----------------|---------|
| <b>Lead</b> | <b>1470</b> |           | 0.65 | 0.22 | mg/Kg | ☼ | 05/30/24 06:57 | 05/30/24 22:34 | 1       |

**Method: SW846 6020B - Metals (ICP/MS) - TCLP**

| Analyte     | Result      | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------|-------------|-----------|------|-----|------|---|----------------|----------------|---------|
| <b>Lead</b> | <b>1320</b> |           | 12.0 | 8.4 | ug/L |   | 05/31/24 08:31 | 05/31/24 16:07 | 10      |

**General Chemistry**

| Analyte                                | Result      | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|--|-------------|-----------|-----|-----|------|---|----------|----------------|---------|
| <b>Percent Moisture (EPA Moisture)</b> | <b>14.7</b> |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |
| <b>Percent Solids (EPA Moisture)</b>   | <b>85.3</b> |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |

**Client Sample ID: DS-16-A**  
**Date Collected: 05/29/24 00:00**  
**Date Received: 05/29/24 10:20**

**Lab Sample ID: 460-304730-5**  
**Matrix: Solid**

**Method: SW846 6020B - Metals (ICP/MS) - TCLP**

| Analyte     | Result      | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------|-------------|-----------|------|-----|------|---|----------------|----------------|---------|
| <b>Lead</b> | <b>1030</b> |           | 12.0 | 8.4 | ug/L |   | 05/31/24 08:31 | 05/31/24 16:41 | 10      |

**General Chemistry**

| Analyte                                | Result      | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|--|-------------|-----------|-----|-----|------|---|----------|----------------|---------|
| <b>Percent Moisture (EPA Moisture)</b> | <b>46.1</b> |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |
| <b>Percent Solids (EPA Moisture)</b>   | <b>53.9</b> |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |

**Client Sample ID: DS-16-A**  
**Date Collected: 05/29/24 00:00**  
**Date Received: 05/29/24 10:20**

**Lab Sample ID: 460-304730-5**  
**Matrix: Solid**  
**Percent Solids: 53.9**

**Method: SW846 6020B - Metals (ICP/MS)**

| Analyte     | Result     | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------|------------|-----------|-----|------|-------|---|----------------|----------------|---------|
| <b>Lead</b> | <b>795</b> |           | 1.1 | 0.35 | mg/Kg | ☼ | 05/30/24 06:57 | 05/30/24 22:42 | 1       |

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# Client Sample Results

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-304730-1

## Client Sample ID: DS-16-B

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

## Lab Sample ID: 460-304730-6

Matrix: Solid

### Method: SW846 6020B - Metals (ICP/MS) - TCLP

| Analyte | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| Lead    | 13400  |           | 12.0 | 8.4 | ug/L |   | 05/31/24 08:31 | 05/31/24 16:44 | 10      |

### General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 21.3   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |
| Percent Solids (EPA Moisture)   | 78.7   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |

## Client Sample ID: DS-16-B

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

## Lab Sample ID: 460-304730-6

Matrix: Solid

Percent Solids: 78.7

### Method: SW846 6020B - Metals (ICP/MS)

| Analyte | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead    | 946    |           | 0.71 | 0.24 | mg/Kg | ☼ | 05/30/24 06:57 | 05/30/24 22:44 | 1       |

## Client Sample ID: WC-16-1

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

## Lab Sample ID: 460-304730-7

Matrix: Solid

### Method: SW846 6020B - Metals (ICP/MS) - TCLP

| Analyte | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| Lead    | 2100   |           | 12.0 | 8.4 | ug/L |   | 05/31/24 08:31 | 05/31/24 16:46 | 10      |

### General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 20.4   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |
| Percent Solids (EPA Moisture)   | 79.6   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |

## Client Sample ID: WC-16-1

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

## Lab Sample ID: 460-304730-7

Matrix: Solid

Percent Solids: 79.6

### Method: SW846 6020B - Metals (ICP/MS)

| Analyte | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead    | 172    |           | 0.70 | 0.23 | mg/Kg | ☼ | 05/30/24 06:57 | 05/30/24 22:47 | 1       |

## Client Sample ID: WC-16-2

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

## Lab Sample ID: 460-304730-8

Matrix: Solid

### Method: SW846 6020B - Metals (ICP/MS) - TCLP

| Analyte | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| Lead    | 2180   |           | 12.0 | 8.4 | ug/L |   | 05/31/24 08:31 | 05/31/24 16:58 | 10      |

### General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 10.7   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |
| Percent Solids (EPA Moisture)   | 89.3   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |

# Client Sample Results

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-304730-1

**Client Sample ID: WC-16-2**

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

**Lab Sample ID: 460-304730-8**

Matrix: Solid

Percent Solids: 89.3

**Method: SW846 6020B - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead    | 292    |           | 0.62 | 0.21 | mg/Kg | ☼ | 05/30/24 06:57 | 05/30/24 22:49 | 1       |

**Client Sample ID: WC-16-3**

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

**Lab Sample ID: 460-304730-9**

Matrix: Solid

**Method: SW846 6020B - Metals (ICP/MS) - TCLP**

| Analyte | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| Lead    | 547    |           | 12.0 | 8.4 | ug/L |   | 05/31/24 08:31 | 05/31/24 17:01 | 10      |

**General Chemistry**

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 11.4   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |
| Percent Solids (EPA Moisture)   | 88.6   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |

**Client Sample ID: WC-16-3**

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

**Lab Sample ID: 460-304730-9**

Matrix: Solid

Percent Solids: 88.6

**Method: SW846 6020B - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead    | 44.3   |           | 0.60 | 0.20 | mg/Kg | ☼ | 05/30/24 06:57 | 05/30/24 22:52 | 1       |

**Client Sample ID: WC-16-4**

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

**Lab Sample ID: 460-304730-10**

Matrix: Solid

**Method: SW846 6020B - Metals (ICP/MS) - TCLP**

| Analyte | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| Lead    | 170    |           | 12.0 | 8.4 | ug/L |   | 05/31/24 08:31 | 05/31/24 17:03 | 10      |

**General Chemistry**

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 14.0   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |
| Percent Solids (EPA Moisture)   | 86.0   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |

**Client Sample ID: WC-16-4**

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

**Lab Sample ID: 460-304730-10**

Matrix: Solid

Percent Solids: 86.0

**Method: SW846 6020B - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead    | 20.8   |           | 0.64 | 0.21 | mg/Kg | ☼ | 05/30/24 06:57 | 05/30/24 22:54 | 1       |

**Client Sample ID: WC-16-5**

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

**Lab Sample ID: 460-304730-11**

Matrix: Solid

**Method: SW846 6020B - Metals (ICP/MS) - TCLP**

| Analyte | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| Lead    | 8020   |           | 12.0 | 8.4 | ug/L |   | 05/31/24 08:31 | 05/31/24 17:06 | 10      |

Eurofins Edison

# Client Sample Results

Client: Ecoterra Consulting LLC  
 Project/Site: Four Sparrows

Job ID: 460-304730-1

**Client Sample ID: WC-16-5**  
 Date Collected: 05/29/24 00:00  
 Date Received: 05/29/24 10:20

**Lab Sample ID: 460-304730-11**  
 Matrix: Solid

**General Chemistry**

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 16.4   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |
| Percent Solids (EPA Moisture)   | 83.6   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |

**Client Sample ID: WC-16-5**  
 Date Collected: 05/29/24 00:00  
 Date Received: 05/29/24 10:20

**Lab Sample ID: 460-304730-11**  
 Matrix: Solid  
 Percent Solids: 83.6

**Method: SW846 6020B - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead    | 383    |           | 0.63 | 0.21 | mg/Kg | ☼ | 05/30/24 06:57 | 05/30/24 22:57 | 1       |

**Client Sample ID: WC-16-6**  
 Date Collected: 05/29/24 00:00  
 Date Received: 05/29/24 10:20

**Lab Sample ID: 460-304730-12**  
 Matrix: Solid

**Method: SW846 6020B - Metals (ICP/MS) - TCLP**

| Analyte | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| Lead    | 6940   |           | 12.0 | 8.4 | ug/L |   | 05/31/24 08:31 | 05/31/24 17:08 | 10      |

**General Chemistry**

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 19.3   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |
| Percent Solids (EPA Moisture)   | 80.7   |           | 1.0 | 1.0 | %    |   |          | 05/29/24 17:37 | 1       |

**Client Sample ID: WC-16-6**  
 Date Collected: 05/29/24 00:00  
 Date Received: 05/29/24 10:20

**Lab Sample ID: 460-304730-12**  
 Matrix: Solid  
 Percent Solids: 80.7

**Method: SW846 6020B - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Lead    | 2280   |           | 1.4 | 0.46 | mg/Kg | ☼ | 05/30/24 06:57 | 05/31/24 18:48 | 2       |

# Lab Chronicle

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-304730-1

**Client Sample ID: DS-1-A**  
**Date Collected: 05/29/24 00:00**  
**Date Received: 05/29/24 10:20**

**Lab Sample ID: 460-304730-1**  
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 977503       | DXD           | EET EDI | 05/30/24 10:49 - 05/31/24 05:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 977711       | KXN           | EET EDI | 05/31/24 08:31                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 977811       | CDC           | EET EDI | 05/31/24 16:34                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 977331       | CJC           | EET EDI | 05/29/24 17:37                               |

**Client Sample ID: DS-1-A**  
**Date Collected: 05/29/24 00:00**  
**Date Received: 05/29/24 10:20**

**Lab Sample ID: 460-304730-1**  
**Matrix: Solid**  
**Percent Solids: 83.8**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|----------------------|
| Total/NA  | Prep       | 3546         |     |                 | 977496       | FHW           | EET EDI | 05/30/24 10:24       |
| Total/NA  | Analysis   | 8082A        |     | 10              | 977694       | JHP           | EET EDI | 05/31/24 15:01       |
| Total/NA  | Prep       | 3050B        |     |                 | 977448       | FBT           | EET EDI | 05/30/24 06:57       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 977574       | JKF           | EET EDI | 05/30/24 22:29       |

**Client Sample ID: DS-1-B**  
**Date Collected: 05/29/24 00:00**  
**Date Received: 05/29/24 10:20**

**Lab Sample ID: 460-304730-2**  
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 977503       | DXD           | EET EDI | 05/30/24 10:49 - 05/31/24 05:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 977711       | KXN           | EET EDI | 05/31/24 08:31                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 977811       | CDC           | EET EDI | 05/31/24 16:37                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 977331       | CJC           | EET EDI | 05/29/24 17:37                               |

**Client Sample ID: DS-1-B**  
**Date Collected: 05/29/24 00:00**  
**Date Received: 05/29/24 10:20**

**Lab Sample ID: 460-304730-2**  
**Matrix: Solid**  
**Percent Solids: 90.8**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|----------------------|
| Total/NA  | Prep       | 3546         |     |                 | 977496       | FHW           | EET EDI | 05/30/24 10:24       |
| Total/NA  | Analysis   | 8082A        |     | 1               | 977694       | JHP           | EET EDI | 05/31/24 13:54       |
| Total/NA  | Prep       | 3050B        |     |                 | 977448       | FBT           | EET EDI | 05/30/24 06:57       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 977574       | JKF           | EET EDI | 05/30/24 22:24       |

**Client Sample ID: DS-1-C**  
**Date Collected: 05/29/24 00:00**  
**Date Received: 05/29/24 10:20**

**Lab Sample ID: 460-304730-3**  
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 977503       | DXD           | EET EDI | 05/30/24 10:49 - 05/31/24 05:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 977711       | KXN           | EET EDI | 05/31/24 08:31                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 977811       | CDC           | EET EDI | 05/31/24 16:39                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 977331       | CJC           | EET EDI | 05/29/24 17:37                               |



# Lab Chronicle

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-304730-1

**Client Sample ID: DS-1-C**  
**Date Collected: 05/29/24 00:00**  
**Date Received: 05/29/24 10:20**

**Lab Sample ID: 460-304730-3**  
**Matrix: Solid**  
**Percent Solids: 81.9**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 3546         |     |                 | 977496       | FHW     | EET EDI | 05/30/24 10:24       |
| Total/NA  | Analysis   | 8082A        |     | 50              | 977694       | JHP     | EET EDI | 05/31/24 14:43       |
| Total/NA  | Prep       | 3050B        |     |                 | 977448       | FBT     | EET EDI | 05/30/24 06:57       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 977574       | JKF     | EET EDI | 05/30/24 22:32       |

**Client Sample ID: DS-1-D**  
**Date Collected: 05/29/24 00:00**  
**Date Received: 05/29/24 10:20**

**Lab Sample ID: 460-304730-4**  
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 977503       | DXD     | EET EDI | 05/30/24 10:49 - 05/31/24 05:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 977711       | KXN     | EET EDI | 05/31/24 08:31                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 977811       | CDC     | EET EDI | 05/31/24 16:07                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 977331       | CJC     | EET EDI | 05/29/24 17:37                               |

**Client Sample ID: DS-1-D**  
**Date Collected: 05/29/24 00:00**  
**Date Received: 05/29/24 10:20**

**Lab Sample ID: 460-304730-4**  
**Matrix: Solid**  
**Percent Solids: 85.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 3546         |     |                 | 977496       | FHW     | EET EDI | 05/30/24 10:24       |
| Total/NA  | Analysis   | 8082A        |     | 2               | 977694       | JHP     | EET EDI | 05/31/24 13:10       |
| Total/NA  | Prep       | 3050B        |     |                 | 977448       | FBT     | EET EDI | 05/30/24 06:57       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 977574       | JKF     | EET EDI | 05/30/24 22:34       |

**Client Sample ID: DS-16-A**  
**Date Collected: 05/29/24 00:00**  
**Date Received: 05/29/24 10:20**

**Lab Sample ID: 460-304730-5**  
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 977503       | DXD     | EET EDI | 05/30/24 10:49 - 05/31/24 05:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 977711       | KXN     | EET EDI | 05/31/24 08:31                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 977811       | CDC     | EET EDI | 05/31/24 16:41                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 977331       | CJC     | EET EDI | 05/29/24 17:37                               |

**Client Sample ID: DS-16-A**  
**Date Collected: 05/29/24 00:00**  
**Date Received: 05/29/24 10:20**

**Lab Sample ID: 460-304730-5**  
**Matrix: Solid**  
**Percent Solids: 53.9**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 977448       | FBT     | EET EDI | 05/30/24 06:57       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 977574       | JKF     | EET EDI | 05/30/24 22:42       |

# Lab Chronicle

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-304730-1

## Client Sample ID: DS-16-B

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

## Lab Sample ID: 460-304730-6

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 977503       | DXD           | EET EDI | 05/30/24 10:49 - 05/31/24 05:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 977711       | KXN           | EET EDI | 05/31/24 08:31                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 977811       | CDC           | EET EDI | 05/31/24 16:44                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 977331       | CJC           | EET EDI | 05/29/24 17:37                               |

## Client Sample ID: DS-16-B

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

## Lab Sample ID: 460-304730-6

Matrix: Solid

Percent Solids: 78.7

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 977448       | FBT           | EET EDI | 05/30/24 06:57       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 977574       | JKF           | EET EDI | 05/30/24 22:44       |

## Client Sample ID: WC-16-1

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

## Lab Sample ID: 460-304730-7

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 977503       | DXD           | EET EDI | 05/30/24 10:49 - 05/31/24 05:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 977711       | KXN           | EET EDI | 05/31/24 08:31                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 977811       | CDC           | EET EDI | 05/31/24 16:46                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 977331       | CJC           | EET EDI | 05/29/24 17:37                               |

## Client Sample ID: WC-16-1

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

## Lab Sample ID: 460-304730-7

Matrix: Solid

Percent Solids: 79.6

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 977448       | FBT           | EET EDI | 05/30/24 06:57       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 977574       | JKF           | EET EDI | 05/30/24 22:47       |

## Client Sample ID: WC-16-2

Date Collected: 05/29/24 00:00

Date Received: 05/29/24 10:20

## Lab Sample ID: 460-304730-8

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 977503       | DXD           | EET EDI | 05/30/24 10:49 - 05/31/24 05:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 977711       | KXN           | EET EDI | 05/31/24 08:31                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 977811       | CDC           | EET EDI | 05/31/24 16:58                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 977331       | CJC           | EET EDI | 05/29/24 17:37                               |

# Lab Chronicle

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-304730-1

## Client Sample ID: WC-16-2

## Lab Sample ID: 460-304730-8

Date Collected: 05/29/24 00:00

Matrix: Solid

Date Received: 05/29/24 10:20

Percent Solids: 89.3

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 977448       | FBT           | EET EDI | 05/30/24 06:57       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 977574       | JKF           | EET EDI | 05/30/24 22:49       |

## Client Sample ID: WC-16-3

## Lab Sample ID: 460-304730-9

Date Collected: 05/29/24 00:00

Matrix: Solid

Date Received: 05/29/24 10:20

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 977503       | DXD           | EET EDI | 05/30/24 10:49 - 05/31/24 05:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 977711       | KXN           | EET EDI | 05/31/24 08:31                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 977811       | CDC           | EET EDI | 05/31/24 17:01                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 977331       | CJC           | EET EDI | 05/29/24 17:37                               |

## Client Sample ID: WC-16-3

## Lab Sample ID: 460-304730-9

Date Collected: 05/29/24 00:00

Matrix: Solid

Date Received: 05/29/24 10:20

Percent Solids: 88.6

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 977448       | FBT           | EET EDI | 05/30/24 06:57       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 977574       | JKF           | EET EDI | 05/30/24 22:52       |

## Client Sample ID: WC-16-4

## Lab Sample ID: 460-304730-10

Date Collected: 05/29/24 00:00

Matrix: Solid

Date Received: 05/29/24 10:20

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 977503       | DXD           | EET EDI | 05/30/24 10:49 - 05/31/24 05:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 977711       | KXN           | EET EDI | 05/31/24 08:31                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 977811       | CDC           | EET EDI | 05/31/24 17:03                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 977331       | CJC           | EET EDI | 05/29/24 17:37                               |

## Client Sample ID: WC-16-4

## Lab Sample ID: 460-304730-10

Date Collected: 05/29/24 00:00

Matrix: Solid

Date Received: 05/29/24 10:20

Percent Solids: 86.0

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 977448       | FBT           | EET EDI | 05/30/24 06:57       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 977574       | JKF           | EET EDI | 05/30/24 22:54       |

# Lab Chronicle

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-304730-1

**Client Sample ID: WC-16-5**

**Lab Sample ID: 460-304730-11**

**Date Collected: 05/29/24 00:00**

**Matrix: Solid**

**Date Received: 05/29/24 10:20**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 977503       | DXD           | EET EDI | 05/30/24 10:49 - 05/31/24 05:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 977711       | KXN           | EET EDI | 05/31/24 08:31                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 977811       | CDC           | EET EDI | 05/31/24 17:06                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 977331       | CJC           | EET EDI | 05/29/24 17:37                               |

**Client Sample ID: WC-16-5**

**Lab Sample ID: 460-304730-11**

**Date Collected: 05/29/24 00:00**

**Matrix: Solid**

**Date Received: 05/29/24 10:20**

**Percent Solids: 83.6**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 977448       | FBT           | EET EDI | 05/30/24 06:57       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 977574       | JKF           | EET EDI | 05/30/24 22:57       |

**Client Sample ID: WC-16-6**

**Lab Sample ID: 460-304730-12**

**Date Collected: 05/29/24 00:00**

**Matrix: Solid**

**Date Received: 05/29/24 10:20**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 977503       | DXD           | EET EDI | 05/30/24 10:49 - 05/31/24 05:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 977711       | KXN           | EET EDI | 05/31/24 08:31                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 977811       | CDC           | EET EDI | 05/31/24 17:08                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 977331       | CJC           | EET EDI | 05/29/24 17:37                               |

**Client Sample ID: WC-16-6**

**Lab Sample ID: 460-304730-12**

**Date Collected: 05/29/24 00:00**

**Matrix: Solid**

**Date Received: 05/29/24 10:20**

**Percent Solids: 80.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 977448       | FBT           | EET EDI | 05/30/24 06:57       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 977798       | JKF           | EET EDI | 05/31/24 18:48       |

<sup>1</sup> This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

**Laboratory References:**

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

# Accreditation/Certification Summary

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-304730-1

## Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority  | Program | Identification Number | Expiration Date |
|------------|---------|-----------------------|-----------------|
| New Jersey | NELAP   | 12028                 | 06-30-24        |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte                          |
|-----------------|-------------|--------|----------------------------------|
| 8082A           | 3546        | Solid  | Polychlorinated biphenyls, Total |
| Moisture        |             | Solid  | Percent Moisture                 |
| Moisture        |             | Solid  | Percent Solids                   |



# Method Summary

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-304730-1

| Method   | Method Description                                     | Protocol | Laboratory |
|----------|--|----------|------------|
| 8082A    | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846    | EET EDI    |
| 6020B    | Metals (ICP/MS)  | SW846    | EET EDI    |
| Moisture | Percent Moisture                                       | EPA      | EET EDI    |
| 1311     | TCLP Extraction  | SW846    | EET EDI    |
| 3010A    | Preparation, Total Metals                              | SW846    | EET EDI    |
| 3050B    | Preparation, Metals                                    | SW846    | EET EDI    |
| 3546     | Microwave Extraction                                   | SW846    | EET EDI    |

**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

# Sample Summary

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

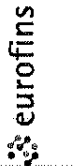
Job ID: 460-304730-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 460-304730-1  | DS-1-A           | Solid  | 05/29/24 00:00 | 05/29/24 10:20 |
| 460-304730-2  | DS-1-B           | Solid  | 05/29/24 00:00 | 05/29/24 10:20 |
| 460-304730-3  | DS-1-C           | Solid  | 05/29/24 00:00 | 05/29/24 10:20 |
| 460-304730-4  | DS-1-D           | Solid  | 05/29/24 00:00 | 05/29/24 10:20 |
| 460-304730-5  | DS-16-A          | Solid  | 05/29/24 00:00 | 05/29/24 10:20 |
| 460-304730-6  | DS-16-B          | Solid  | 05/29/24 00:00 | 05/29/24 10:20 |
| 460-304730-7  | WC-16-1          | Solid  | 05/29/24 00:00 | 05/29/24 10:20 |
| 460-304730-8  | WC-16-2          | Solid  | 05/29/24 00:00 | 05/29/24 10:20 |
| 460-304730-9  | WC-16-3          | Solid  | 05/29/24 00:00 | 05/29/24 10:20 |
| 460-304730-10 | WC-16-4          | Solid  | 05/29/24 00:00 | 05/29/24 10:20 |
| 460-304730-11 | WC-16-5          | Solid  | 05/29/24 00:00 | 05/29/24 10:20 |
| 460-304730-12 | WC-16-6          | Solid  | 05/29/24 00:00 | 05/29/24 10:20 |



>> Select a Laboratory or Service Center <<  
 #N/A  
 #N/A  
 #N/A  
 ##

# Chain of Custody Record



**Regulatory Program:**  DW  NPDES  RCRA  Other

**Project Manager:** H. Patel **Date:** \_\_\_\_\_ **Carrier:** \_\_\_\_\_

**Site Contact:** \_\_\_\_\_ **Lab Contact:** \_\_\_\_\_

**Client Contact:** \_\_\_\_\_ **Site:** \_\_\_\_\_

**Your Company Name here:** Ecoterra  
**Address:** 234 Steeles Rd  
**City/State/Zip:** Liveston, NJ  
 (xxx) xxx-xxxx **Phone:** \_\_\_\_\_  
 (xxx) xxx-xxxx **FAX:** \_\_\_\_\_  
**Project Name:** Four Spillhouse  
**P O #:** \_\_\_\_\_

**Analysis Turnaround Time:**  WORKING DAYS  CALENDAR DAYS  
 (TAT if different from Below) **3-day** **rush.**  
 2 weeks  1 week  2 days  1 day

**Sample Identification**

| Sample ID | Sample Date | Sample Time | Sample Type (C-Comp, G-Grab) | Matrix | # of Cont. | Filtered Sample (Y/N) | Perform MS/MSD (Y/N) | PCBs | TAL Lead | TCLP Lead | Sample Specific Notes |
|-----------|-------------|-------------|------------------------------|--------|------------|-----------------------|----------------------|------|----------|-----------|-----------------------|
| DS-1-A    | 5/29        |             | G                            | S      |            |                       |                      | X    | X        | X         | 304730                |
| DS-1-B    |             |             |                              |        |            |                       |                      | X    | X        | X         |                       |
| DS-1-C    |             |             |                              |        |            |                       |                      | X    | X        | X         |                       |
| DS-1-D    |             |             |                              |        |            |                       |                      | X    | X        | X         |                       |
| DS-16-A   |             |             |                              |        |            |                       |                      | X    | X        | X         |                       |
| DS-16-B   |             |             |                              |        |            |                       |                      | X    | X        | X         |                       |
| WC-16-1   |             |             |                              |        |            |                       |                      | X    | X        | X         |                       |
| WC-16-2   |             |             |                              |        |            |                       |                      | X    | X        | X         |                       |
| WC-16-3   |             |             |                              |        |            |                       |                      | X    | X        | X         |                       |
| WC-16-4   |             |             |                              |        |            |                       |                      | X    | X        | X         |                       |
| WC-16-5   |             |             |                              |        |            |                       |                      | X    | X        | X         |                       |
| WC-16-6   |             |             |                              |        |            |                       |                      | X    | X        | X         |                       |

**Preservation Used:** 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3; 5=NaOH; 6= Other \_\_\_\_\_

**Possible Hazard Identification:** \_\_\_\_\_

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown  Return to Client  Disposal by Lab  Archive for: \_\_\_\_\_ Months

**Special Instructions/QC Requirements & Comments:** 224 / 22.6 Box - No Ice

**Custody Seal No:** \_\_\_\_\_ **Therm ID No.:** \_\_\_\_\_

**Relinquished by:** JG1 **Company:** Ecoterra **Date/Time:** 5/29/2020 10:20  
**Relinquished by:** \_\_\_\_\_ **Company:** \_\_\_\_\_ **Date/Time:** \_\_\_\_\_  
**Relinquished by:** \_\_\_\_\_ **Company:** \_\_\_\_\_ **Date/Time:** \_\_\_\_\_





### Eurofins TestAmerica Edison Receipt Temperature and pH Log

Job Number 307730

Number of Coolers: \_\_\_\_\_ IR Gun # 47

#### Cooler Temperatures

|                       | RAW   |    | CORRECTED |    |
|-----------------------|-------|----|-----------|----|
|                       | Temp  | pH | Temp      | pH |
| Cooler #1: <u>W-4</u> | 22.60 |    |           |    |
| Cooler #2:            |       |    |           |    |
| Cooler #3:            |       |    |           |    |
| Cooler #4:            |       |    |           |    |
| Cooler #5:            |       |    |           |    |
| Cooler #6:            |       |    |           |    |
| Cooler #7:            |       |    |           |    |
| Cooler #8:            |       |    |           |    |
| Cooler #9:            |       |    |           |    |

| TALS Sample Number | Ammonia (pH<2) | COD (pH<2) | Nitrate Nitrite (pH<2) | Metals* (pH<2) | Hardness (pH<2) | Pest (pH 5-9) | EPH or OAM (pH<2) | Phenols (pH<2) | Sulfide (pH>9) | TKN (pH<2) | TOC (pH<2) | Total Cyanide (pH>12) | Total Phos (pH<2) | Other | Other |
|--------------------|----------------|------------|------------------------|----------------|-----------------|---------------|-------------------|----------------|----------------|------------|------------|-----------------------|-------------------|-------|-------|
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |
|                    |                |            |                        |                |                 |               |                   |                |                |            |            |                       |                   |       |       |

*If pH adjustments are required record the information below*

Sample No(s), adjusted \_\_\_\_\_

Preservative Name/Conc. \_\_\_\_\_ Volume of Preservative used (ml) \_\_\_\_\_

Lot # of Preservative(s) \_\_\_\_\_ Expiration Date: \_\_\_\_\_

*The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.  
\* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials [Signature] Date 5/22/2019



# Login Sample Receipt Checklist

Client: Ecoterra Consulting LLC

Job Number: 460-304730-1

**Login Number: 304730**

**List Source: Eurofins Edison**

**List Number: 1**

**Creator: Lomuntad, Tatyana B**

| Question  | Answer | Comment                             |
|---|--------|-------------------------------------|
| Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.      | N/A    |                                     |
| The cooler's custody seal, if present, is intact.   | True   |                                     |
| Sample custody seals, if present, are intact.   | True   |                                     |
| The cooler or samples do not appear to have been compromised or tampered with.                      | True   |                                     |
| Samples were received on ice.   | False  | Refer to Job Narrative for details. |
| Cooler Temperature is acceptable.   | True   |                                     |
| Cooler Temperature is recorded.   | True   |                                     |
| COC is present.   | True   |                                     |
| COC is filled out in ink and legible.   | True   |                                     |
| COC is filled out with all pertinent information.   | True   |                                     |
| Is the Field Sampler's name present on COC?   | True   |                                     |
| There are no discrepancies between the containers received and the COC.                             | True   |                                     |
| Samples are received within Holding Time (excluding tests with immediate HTs)                       | True   |                                     |
| Sample containers have legible labels.  | True   |                                     |
| Containers are not broken or leaking.   | True   |                                     |
| Sample collection date/times are provided.  | True   |                                     |
| Appropriate sample containers are used.   | True   |                                     |
| Sample bottles are completely filled.   | True   |                                     |
| Sample Preservation Verified.   | True   |                                     |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs                    | True   |                                     |
| Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4"). | True   |                                     |
| Multiphasic samples are not present.  | True   |                                     |
| Samples do not require splitting or compositing.  | True   |                                     |
| Residual Chlorine Checked.  | N/A    |                                     |



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Hetansh Patel  
Ecoterra Consulting LLC  
234 Stelton Road  
Suite-2B  
Piscataway, New Jersey 08854

Generated 6/13/2024 3:21:53 PM

## JOB DESCRIPTION

Four Sparrows

## JOB NUMBER

460-305272-1

# Eurofins Edison

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

## Authorization



Generated  
6/13/2024 3:21:53 PM

Authorized for release by  
Elizabeth Flannery, Project Manager I  
[Elizabeth.Flannery@et.eurofinsus.com](mailto:Elizabeth.Flannery@et.eurofinsus.com)  
(732)549-3900



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# Definitions/Glossary

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-305272-1

## Qualifiers

### GC Semi VOA

| Qualifier | Qualifier Description                                    |
|-----------|--|
| U         | Indicates the analyte was analyzed for but not detected. |

### Metals

| Qualifier | Qualifier Description                                    |
|-----------|--|
| F1        | MS and/or MSD recovery exceeds control limits.           |
| U         | Indicates the analyte was analyzed for but not detected. |

## Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|---|
| ▫              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery  |
| CFL            | Contains Free Liquid  |
| CFU            | Colony Forming Unit   |
| CNF            | Contains No Free Liquid   |
| DER            | Duplicate Error Ratio (normalized absolute difference)  |
| Dil Fac        | Dilution Factor   |
| DL             | Detection Limit (DoD/DOE)   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)   |
| EDL            | Estimated Detection Limit (Dioxin)  |
| LOD            | Limit of Detection (DoD/DOE)  |
| LOQ            | Limit of Quantitation (DoD/DOE)   |
| MCL            | EPA recommended "Maximum Contaminant Level"   |
| MDA            | Minimum Detectable Activity (Radiochemistry)  |
| MDC            | Minimum Detectable Concentration (Radiochemistry)   |
| MDL            | Method Detection Limit  |
| ML             | Minimum Level (Dioxin)  |
| MPN            | Most Probable Number  |
| MQL            | Method Quantitation Limit   |
| NC             | Not Calculated  |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)  |
| NEG            | Negative / Absent   |
| POS            | Positive / Present  |
| PQL            | Practical Quantitation Limit  |
| PRES           | Presumptive   |
| QC             | Quality Control   |
| RER            | Relative Error Ratio (Radiochemistry)   |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)   |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)   |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)   |
| TNTC           | Too Numerous To Count   |

# Case Narrative

Client: Ecoterra Consulting LLC  
Project: Four Sparrows

Job ID: 460-305272-1

**Job ID: 460-305272-1**

**Eurofins Edison**

## CASE NARRATIVE

**Client: Ecoterra Consulting LLC**

**Project: Four Sparrows**

**Report Number: 460-305272-1**

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

### **RECEIPT**

The samples were received on 6/6/2024 4:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C.

### **Receipt Exceptions**

The following sample(s) was received at the laboratory without a sample collection time documented on the chain of custody or containers: samples 1 through 12.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. No container totals recorded on the COC.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

### **POLYCHLORINATED BIPHENYLS**

Samples DS-1-A1 (460-305272-1), DS-1-B1 (460-305272-2), DS-1-C1 (460-305272-3) and DS-1-D1 (460-305272-4) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 06/07/2024 and analyzed on 06/10/2024.

Samples DS-1-A1 (460-305272-1)[2X], DS-1-B1 (460-305272-2)[2X] and DS-1-D1 (460-305272-4)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

### **METALS - TCLP**

Samples DS-1-A1 (460-305272-1), DS-1-B1 (460-305272-2), DS-1-C1 (460-305272-3), DS-1-D1 (460-305272-4), DS-16-A1 (460-305272-5) and DS-16-B1 (460-305272-6) were analyzed for Metals - TCLP in accordance with EPA SW-846 Method 6020B - TCLP/1311. The samples were leached on 06/09/2024, prepared on 06/10/2024 and analyzed on 06/11/2024.

No difficulties were encountered during the TCLP Metals analysis.

All quality control parameters were within the acceptance limits.

### **METALS - TOTAL (ICP/MS)**

Eurofins Edison

# Case Narrative

Client: Ecoterra Consulting LLC  
Project: Four Sparrows

Job ID: 460-305272-1

---

## Job ID: 460-305272-1 (Continued)

**Eurofins Edison**

Samples DS-1-A1 (460-305272-1), DS-1-B1 (460-305272-2), DS-1-C1 (460-305272-3), DS-1-D1 (460-305272-4), DS-16-A1 (460-305272-5) and DS-16-B1 (460-305272-6) were analyzed for Metals - Total (ICP/MS) in accordance with EPA SW-846 Method 6020B - Total. The samples were prepared on 06/07/2024 and analyzed on 06/08/2024.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

### **PERCENT SOLIDS/PERCENT MOISTURE**

Samples DS-1-A1 (460-305272-1), DS-1-B1 (460-305272-2), DS-1-C1 (460-305272-3), DS-1-D1 (460-305272-4), DS-16-A1 (460-305272-5) and DS-16-B1 (460-305272-6) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 06/06/2024.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

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# Detection Summary

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-305272-1

## Client Sample ID: DS-1-A1

## Lab Sample ID: 460-305272-1

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Aroclor 1254                     | 1.6    |           | 0.15 | 0.039 | mg/Kg | 2       | ✳ | 8082A  | Total/NA  |
| Polychlorinated biphenyls, Total | 1.6    |           | 0.15 | 0.039 | mg/Kg | 2       | ✳ | 8082A  | Total/NA  |
| Lead                             | 628    |           | 0.51 | 0.17  | mg/Kg | 1       | ✳ | 6020B  | Total/NA  |
| Lead                             | 614    | F1        | 12.0 | 8.4   | ug/L  | 10      |   | 6020B  | TCLP      |

## Client Sample ID: DS-1-B1

## Lab Sample ID: 460-305272-2

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Aroclor 1254                     | 1.9    |           | 0.15 | 0.039 | mg/Kg | 2       | ✳ | 8082A  | Total/NA  |
| Polychlorinated biphenyls, Total | 1.9    |           | 0.15 | 0.039 | mg/Kg | 2       | ✳ | 8082A  | Total/NA  |
| Lead                             | 493    |           | 0.50 | 0.17  | mg/Kg | 1       | ✳ | 6020B  | Total/NA  |
| Lead                             | 1050   |           | 12.0 | 8.4   | ug/L  | 10      |   | 6020B  | TCLP      |

## Client Sample ID: DS-1-C1

## Lab Sample ID: 460-305272-3

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Aroclor 1254                     | 0.42   |           | 0.073 | 0.020 | mg/Kg | 1       | ✳ | 8082A  | Total/NA  |
| Polychlorinated biphenyls, Total | 0.42   |           | 0.073 | 0.020 | mg/Kg | 1       | ✳ | 8082A  | Total/NA  |
| Lead                             | 120    |           | 0.51  | 0.17  | mg/Kg | 1       | ✳ | 6020B  | Total/NA  |
| Lead                             | 191    |           | 12.0  | 8.4   | ug/L  | 10      |   | 6020B  | TCLP      |

## Client Sample ID: DS-1-D1

## Lab Sample ID: 460-305272-4

| Analyte                          | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Aroclor 1254                     | 1.2    |           | 0.15 | 0.039 | mg/Kg | 2       | ✳ | 8082A  | Total/NA  |
| Polychlorinated biphenyls, Total | 1.2    |           | 0.15 | 0.039 | mg/Kg | 2       | ✳ | 8082A  | Total/NA  |
| Lead                             | 703    |           | 0.51 | 0.17  | mg/Kg | 1       | ✳ | 6020B  | Total/NA  |
| Lead                             | 529    |           | 12.0 | 8.4   | ug/L  | 10      |   | 6020B  | TCLP      |

## Client Sample ID: DS-16-A1

## Lab Sample ID: 460-305272-5

| Analyte | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Lead    | 5.7    |           | 0.54 | 0.18 | mg/Kg | 1       | ✳ | 6020B  | Total/NA  |
| Lead    | 31.3   |           | 12.0 | 8.4  | ug/L  | 10      |   | 6020B  | TCLP      |

## Client Sample ID: DS-16-B1

## Lab Sample ID: 460-305272-6

| Analyte | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Lead    | 15.5   |           | 0.50 | 0.17 | mg/Kg | 1       | ✳ | 6020B  | Total/NA  |
| Lead    | 24.2   |           | 12.0 | 8.4  | ug/L  | 10      |   | 6020B  | TCLP      |

This Detection Summary does not include radiochemical test results.

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# Client Sample Results

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-305272-1

**Client Sample ID: DS-1-A1**  
**Date Collected: 06/06/24 00:00**  
**Date Received: 06/06/24 16:05**

**Lab Sample ID: 460-305272-1**  
**Matrix: Solid**  
**Percent Solids: 90.1**

**Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

| Analyte                                 | Result     | Qualifier | RL       | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---|------------|-----------|----------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:26 | 2       |
| Aroclor 1221                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:26 | 2       |
| Aroclor 1232                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:26 | 2       |
| Aroclor 1242                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:26 | 2       |
| Aroclor 1248                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:26 | 2       |
| <b>Aroclor 1254</b>                     | <b>1.6</b> |           | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:26 | 2       |
| Aroclor 1260                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:26 | 2       |
| Aroclor-1262                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:26 | 2       |
| Aroclor 1268                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:26 | 2       |
| <b>Polychlorinated biphenyls, Total</b> | <b>1.6</b> |           | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:26 | 2       |
| Surrogate                               | %Recovery  | Qualifier | Limits   |       |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl                  | 104        |           | 34 - 150 |       |       |   | 06/07/24 09:27 | 06/10/24 13:26 | 2       |
| DCB Decachlorobiphenyl                  | 95         |           | 34 - 150 |       |       |   | 06/07/24 09:27 | 06/10/24 13:26 | 2       |
| Tetrachloro-m-xylene                    | 83         |           | 34 - 150 |       |       |   | 06/07/24 09:27 | 06/10/24 13:26 | 2       |
| Tetrachloro-m-xylene                    | 80         |           | 34 - 150 |       |       |   | 06/07/24 09:27 | 06/10/24 13:26 | 2       |

**Method: SW846 6020B - Metals (ICP/MS)**

| Analyte     | Result     | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------|------------|-----------|------|------|-------|---|----------------|----------------|---------|
| <b>Lead</b> | <b>628</b> |           | 0.51 | 0.17 | mg/Kg | ✳ | 06/07/24 20:10 | 06/08/24 13:57 | 1       |

**Method: SW846 6020B - Metals (ICP/MS) - TCLP**

| Analyte     | Result     | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------|------------|-----------|------|-----|------|---|----------------|----------------|---------|
| <b>Lead</b> | <b>614</b> | <b>F1</b> | 12.0 | 8.4 | ug/L |   | 06/10/24 10:07 | 06/11/24 11:20 | 10      |

**General Chemistry**

| Analyte                                | Result      | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|--|-------------|-----------|-----|-----|------|---|----------|----------------|---------|
| <b>Percent Moisture (EPA Moisture)</b> | <b>9.9</b>  |           | 1.0 | 1.0 | %    |   |          | 06/06/24 16:02 | 1       |
| <b>Percent Solids (EPA Moisture)</b>   | <b>90.1</b> |           | 1.0 | 1.0 | %    |   |          | 06/06/24 16:02 | 1       |

**Client Sample ID: DS-1-B1**  
**Date Collected: 06/06/24 00:00**  
**Date Received: 06/06/24 16:05**

**Lab Sample ID: 460-305272-2**  
**Matrix: Solid**  
**Percent Solids: 90.0**

**Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

| Analyte                                 | Result     | Qualifier | RL       | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---|------------|-----------|----------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:43 | 2       |
| Aroclor 1221                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:43 | 2       |
| Aroclor 1232                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:43 | 2       |
| Aroclor 1242                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:43 | 2       |
| Aroclor 1248                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:43 | 2       |
| <b>Aroclor 1254</b>                     | <b>1.9</b> |           | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:43 | 2       |
| Aroclor 1260                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:43 | 2       |
| Aroclor-1262                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:43 | 2       |
| Aroclor 1268                            | 0.039      | U         | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:43 | 2       |
| <b>Polychlorinated biphenyls, Total</b> | <b>1.9</b> |           | 0.15     | 0.039 | mg/Kg | ✳ | 06/07/24 09:27 | 06/10/24 13:43 | 2       |
| Surrogate                               | %Recovery  | Qualifier | Limits   |       |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl                  | 117        |           | 34 - 150 |       |       |   | 06/07/24 09:27 | 06/10/24 13:43 | 2       |
| DCB Decachlorobiphenyl                  | 119        |           | 34 - 150 |       |       |   | 06/07/24 09:27 | 06/10/24 13:43 | 2       |
| Tetrachloro-m-xylene                    | 83         |           | 34 - 150 |       |       |   | 06/07/24 09:27 | 06/10/24 13:43 | 2       |

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# Client Sample Results

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-305272-1

**Client Sample ID: DS-1-B1**

**Lab Sample ID: 460-305272-2**

Date Collected: 06/06/24 00:00

Matrix: Solid

Date Received: 06/06/24 16:05

Percent Solids: 90.0

**Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene | 83        |           | 34 - 150 | 06/07/24 09:27 | 06/10/24 13:43 | 2       |

**Method: SW846 6020B - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead    | 493    |           | 0.50 | 0.17 | mg/Kg | ☼ | 06/07/24 20:10 | 06/08/24 14:00 | 1       |

**Method: SW846 6020B - Metals (ICP/MS) - TCLP**

| Analyte | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| Lead    | 1050   |           | 12.0 | 8.4 | ug/L |   | 06/10/24 10:07 | 06/11/24 11:25 | 10      |

**General Chemistry**

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 10     |           | 1.0 | 1.0 | %    |   |          | 06/06/24 16:02 | 1       |
| Percent Solids (EPA Moisture)   | 90.0   |           | 1.0 | 1.0 | %    |   |          | 06/06/24 16:02 | 1       |

**Client Sample ID: DS-1-C1**

**Lab Sample ID: 460-305272-3**

Date Collected: 06/06/24 00:00

Matrix: Solid

Date Received: 06/06/24 16:05

Percent Solids: 91.0

**Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

| Analyte                                 | Result      | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---|-------------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016                            | 0.020       | U         | 0.073 | 0.020 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 12:40 | 1       |
| Aroclor 1221                            | 0.020       | U         | 0.073 | 0.020 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 12:40 | 1       |
| Aroclor 1232                            | 0.020       | U         | 0.073 | 0.020 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 12:40 | 1       |
| Aroclor 1242                            | 0.020       | U         | 0.073 | 0.020 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 12:40 | 1       |
| Aroclor 1248                            | 0.020       | U         | 0.073 | 0.020 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 12:40 | 1       |
| <b>Aroclor 1254</b>                     | <b>0.42</b> |           | 0.073 | 0.020 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 12:40 | 1       |
| Aroclor 1260                            | 0.020       | U         | 0.073 | 0.020 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 12:40 | 1       |
| Aroclor-1262                            | 0.020       | U         | 0.073 | 0.020 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 12:40 | 1       |
| Aroclor 1268                            | 0.020       | U         | 0.073 | 0.020 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 12:40 | 1       |
| <b>Polychlorinated biphenyls, Total</b> | <b>0.42</b> |           | 0.073 | 0.020 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 12:40 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 106       |           | 34 - 150 | 06/07/24 09:27 | 06/10/24 12:40 | 1       |
| DCB Decachlorobiphenyl | 105       |           | 34 - 150 | 06/07/24 09:27 | 06/10/24 12:40 | 1       |
| Tetrachloro-m-xylene   | 97        |           | 34 - 150 | 06/07/24 09:27 | 06/10/24 12:40 | 1       |
| Tetrachloro-m-xylene   | 96        |           | 34 - 150 | 06/07/24 09:27 | 06/10/24 12:40 | 1       |

**Method: SW846 6020B - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead    | 120    |           | 0.51 | 0.17 | mg/Kg | ☼ | 06/07/24 20:10 | 06/08/24 14:07 | 1       |

**Method: SW846 6020B - Metals (ICP/MS) - TCLP**

| Analyte | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| Lead    | 191    |           | 12.0 | 8.4 | ug/L |   | 06/10/24 10:07 | 06/11/24 11:28 | 10      |

**General Chemistry**

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 9.0    |           | 1.0 | 1.0 | %    |   |          | 06/06/24 16:02 | 1       |
| Percent Solids (EPA Moisture)   | 91.0   |           | 1.0 | 1.0 | %    |   |          | 06/06/24 16:02 | 1       |

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# Client Sample Results

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-305272-1

**Client Sample ID: DS-1-D1**  
Date Collected: 06/06/24 00:00  
Date Received: 06/06/24 16:05

**Lab Sample ID: 460-305272-4**  
Matrix: Solid  
Percent Solids: 90.4

**Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

| Analyte                                 | Result     | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---|------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016                            | 0.039      | U         | 0.15 | 0.039 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 14:02 | 2       |
| Aroclor 1221                            | 0.039      | U         | 0.15 | 0.039 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 14:02 | 2       |
| Aroclor 1232                            | 0.039      | U         | 0.15 | 0.039 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 14:02 | 2       |
| Aroclor 1242                            | 0.039      | U         | 0.15 | 0.039 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 14:02 | 2       |
| Aroclor 1248                            | 0.039      | U         | 0.15 | 0.039 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 14:02 | 2       |
| <b>Aroclor 1254</b>                     | <b>1.2</b> |           | 0.15 | 0.039 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 14:02 | 2       |
| Aroclor 1260                            | 0.039      | U         | 0.15 | 0.039 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 14:02 | 2       |
| Aroclor-1262                            | 0.039      | U         | 0.15 | 0.039 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 14:02 | 2       |
| Aroclor 1268                            | 0.039      | U         | 0.15 | 0.039 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 14:02 | 2       |
| <b>Polychlorinated biphenyls, Total</b> | <b>1.2</b> |           | 0.15 | 0.039 | mg/Kg | ☼ | 06/07/24 09:27 | 06/10/24 14:02 | 2       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 113       |           | 34 - 150 | 06/07/24 09:27 | 06/10/24 14:02 | 2       |
| DCB Decachlorobiphenyl | 120       |           | 34 - 150 | 06/07/24 09:27 | 06/10/24 14:02 | 2       |
| Tetrachloro-m-xylene   | 74        |           | 34 - 150 | 06/07/24 09:27 | 06/10/24 14:02 | 2       |
| Tetrachloro-m-xylene   | 75        |           | 34 - 150 | 06/07/24 09:27 | 06/10/24 14:02 | 2       |

**Method: SW846 6020B - Metals (ICP/MS)**

| Analyte     | Result     | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------|------------|-----------|------|------|-------|---|----------------|----------------|---------|
| <b>Lead</b> | <b>703</b> |           | 0.51 | 0.17 | mg/Kg | ☼ | 06/07/24 20:10 | 06/08/24 14:10 | 1       |

**Method: SW846 6020B - Metals (ICP/MS) - TCLP**

| Analyte     | Result     | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------|------------|-----------|------|-----|------|---|----------------|----------------|---------|
| <b>Lead</b> | <b>529</b> |           | 12.0 | 8.4 | ug/L |   | 06/10/24 10:07 | 06/11/24 11:35 | 10      |

**General Chemistry**

| Analyte                                | Result      | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|--|-------------|-----------|-----|-----|------|---|----------|----------------|---------|
| <b>Percent Moisture (EPA Moisture)</b> | <b>9.6</b>  |           | 1.0 | 1.0 | %    |   |          | 06/06/24 16:02 | 1       |
| <b>Percent Solids (EPA Moisture)</b>   | <b>90.4</b> |           | 1.0 | 1.0 | %    |   |          | 06/06/24 16:02 | 1       |

**Client Sample ID: DS-16-A1**  
Date Collected: 06/06/24 00:00  
Date Received: 06/06/24 16:05

**Lab Sample ID: 460-305272-5**  
Matrix: Solid

**Method: SW846 6020B - Metals (ICP/MS) - TCLP**

| Analyte     | Result      | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------|-------------|-----------|------|-----|------|---|----------------|----------------|---------|
| <b>Lead</b> | <b>31.3</b> |           | 12.0 | 8.4 | ug/L |   | 06/10/24 10:07 | 06/11/24 11:38 | 10      |

**General Chemistry**

| Analyte                                | Result      | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|--|-------------|-----------|-----|-----|------|---|----------|----------------|---------|
| <b>Percent Moisture (EPA Moisture)</b> | <b>10.8</b> |           | 1.0 | 1.0 | %    |   |          | 06/06/24 16:02 | 1       |
| <b>Percent Solids (EPA Moisture)</b>   | <b>89.2</b> |           | 1.0 | 1.0 | %    |   |          | 06/06/24 16:02 | 1       |

**Client Sample ID: DS-16-A1**  
Date Collected: 06/06/24 00:00  
Date Received: 06/06/24 16:05

**Lab Sample ID: 460-305272-5**  
Matrix: Solid  
Percent Solids: 89.2

**Method: SW846 6020B - Metals (ICP/MS)**

| Analyte     | Result     | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------|------------|-----------|------|------|-------|---|----------------|----------------|---------|
| <b>Lead</b> | <b>5.7</b> |           | 0.54 | 0.18 | mg/Kg | ☼ | 06/07/24 20:10 | 06/08/24 14:12 | 1       |

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# Client Sample Results

Client: Ecoterra Consulting LLC  
 Project/Site: Four Sparrows

Job ID: 460-305272-1

**Client Sample ID: DS-16-B1**

**Lab Sample ID: 460-305272-6**

Date Collected: 06/06/24 00:00

Matrix: Solid

Date Received: 06/06/24 16:05

**Method: SW846 6020B - Metals (ICP/MS) - TCLP**

| Analyte | Result | Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-----|------|---|----------------|----------------|---------|
| Lead    | 24.2   |           | 12.0 | 8.4 | ug/L |   | 06/10/24 10:07 | 06/11/24 11:40 | 10      |

**General Chemistry**

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 8.6    |           | 1.0 | 1.0 | %    |   |          | 06/06/24 16:02 | 1       |
| Percent Solids (EPA Moisture)   | 91.4   |           | 1.0 | 1.0 | %    |   |          | 06/06/24 16:02 | 1       |

**Client Sample ID: DS-16-B1**

**Lab Sample ID: 460-305272-6**

Date Collected: 06/06/24 00:00

Matrix: Solid

Date Received: 06/06/24 16:05

Percent Solids: 91.4

**Method: SW846 6020B - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead    | 15.5   |           | 0.50 | 0.17 | mg/Kg | ☼ | 06/07/24 20:10 | 06/08/24 14:15 | 1       |

# Surrogate Summary

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-305272-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID       | Client Sample ID       | DCBP1    | DCBP2    | TCX1     | TCX2     |
|---------------------|------------------------|----------|----------|----------|----------|
|                     |                        | (34-150) | (34-150) | (34-150) | (34-150) |
| 460-305272-1        | DS-1-A1                | 95       | 104      | 80       | 83       |
| 460-305272-2        | DS-1-B1                | 119      | 117      | 83       | 83       |
| 460-305272-3        | DS-1-C1                | 105      | 106      | 96       | 97       |
| 460-305272-4        | DS-1-D1                | 120      | 113      | 75       | 74       |
| LCS 460-978916/2-A  | Lab Control Sample     | 142      | 144      | 126      | 122      |
| LCSD 460-978916/3-A | Lab Control Sample Dup | 148      | 150      | 149      | 143      |
| MB 460-978916/1-A   | Method Blank           | 123      | 125      | 122      | 117      |

### Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

# QC Sample Results

Client: Ecoterra Consulting LLC  
 Project/Site: Four Sparrows

Job ID: 460-305272-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 460-978916/1-A**  
**Matrix: Solid**  
**Analysis Batch: 979286**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 978916**

| Analyte                          | MB     | MB        | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
|                                  | Result | Qualifier |       |       |       |   |                |                |         |
| Aroclor 1016                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor 1016                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor 1221                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor 1221                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor 1232                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor 1232                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor 1242                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor 1242                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor 1248                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor 1248                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor 1254                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor 1254                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor 1260                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor 1260                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor-1262                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor-1262                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor 1268                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Aroclor 1268                     | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Polychlorinated biphenyls, Total | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Polychlorinated biphenyls, Total | 0.018  | U         | 0.067 | 0.018 | mg/Kg |   | 06/07/24 09:27 | 06/10/24 11:33 | 1       |

| Surrogate              | MB        | MB        | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
|                        | %Recovery | Qualifier |          |                |                |         |
| DCB Decachlorobiphenyl | 125       |           | 34 - 150 | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| DCB Decachlorobiphenyl | 123       |           | 34 - 150 | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Tetrachloro-m-xylene   | 117       |           | 34 - 150 | 06/07/24 09:27 | 06/10/24 11:33 | 1       |
| Tetrachloro-m-xylene   | 122       |           | 34 - 150 | 06/07/24 09:27 | 06/10/24 11:33 | 1       |

**Lab Sample ID: LCS 460-978916/2-A**  
**Matrix: Solid**  
**Analysis Batch: 979286**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 978916**

| Analyte      | Spike Added | LCS    | LCS       | Unit  | D | %Rec | %Rec Limits |
|--------------|-------------|--------|-----------|-------|---|------|-------------|
|              |             | Result | Qualifier |       |   |      |             |
| Aroclor 1016 | 0.333       | 0.364  |           | mg/Kg |   | 109  | 61 - 133    |
| Aroclor 1016 | 0.333       | 0.391  |           | mg/Kg |   | 117  | 61 - 133    |
| Aroclor 1260 | 0.333       | 0.372  |           | mg/Kg |   | 112  | 59 - 150    |
| Aroclor 1260 | 0.333       | 0.390  |           | mg/Kg |   | 117  | 59 - 150    |

| Surrogate              | LCS       | LCS       | Limits   |
|------------------------|-----------|-----------|----------|
|                        | %Recovery | Qualifier |          |
| DCB Decachlorobiphenyl | 144       |           | 34 - 150 |
| DCB Decachlorobiphenyl | 142       |           | 34 - 150 |
| Tetrachloro-m-xylene   | 122       |           | 34 - 150 |
| Tetrachloro-m-xylene   | 126       |           | 34 - 150 |

# QC Sample Results

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-305272-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: LCSD 460-978916/3-A**  
**Matrix: Solid**  
**Analysis Batch: 979286**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 978916**

| Analyte      | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Aroclor 1016 | 0.333       | 0.403       |                | mg/Kg |   | 121  | 61 - 133    | 10  | 30        |
| Aroclor 1016 | 0.333       | 0.422       |                | mg/Kg |   | 127  | 61 - 133    | 8   | 30        |
| Aroclor 1260 | 0.333       | 0.397       |                | mg/Kg |   | 119  | 59 - 150    | 2   | 30        |
| Aroclor 1260 | 0.333       | 0.390       |                | mg/Kg |   | 117  | 59 - 150    | 5   | 30        |

| Surrogate              | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------|----------------|----------------|----------|
| DCB Decachlorobiphenyl | 150            |                | 34 - 150 |
| DCB Decachlorobiphenyl | 148            |                | 34 - 150 |
| Tetrachloro-m-xylene   | 143            |                | 34 - 150 |
| Tetrachloro-m-xylene   | 149            |                | 34 - 150 |

## Method: 6020B - Metals (ICP/MS)

**Lab Sample ID: MB 460-979028/1-A**  
**Matrix: Solid**  
**Analysis Batch: 979103**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 979028**

| Analyte | MB Result | MB Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|------|------|-------|---|----------------|----------------|---------|
| Lead    | 0.20      | U            | 0.60 | 0.20 | mg/Kg |   | 06/07/24 20:10 | 06/08/24 13:37 | 1       |

**Lab Sample ID: LCSSRM 460-979028/2-A ^3**  
**Matrix: Solid**  
**Analysis Batch: 979103**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 979028**

| Analyte | Spike Added | LCSSRM Result | LCSSRM Qualifier | Unit  | D | %Rec | %Rec Limits  |
|---------|-------------|---------------|------------------|-------|---|------|--------------|
| Lead    | 92.8        | 91.22         |                  | mg/Kg |   | 98.3 | 81.8 - 118.5 |

**Lab Sample ID: 460-305295-E-12-F MS**  
**Matrix: Solid**  
**Analysis Batch: 979103**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 979028**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Lead    | 15.3          |                  | 4.58        | 19.15     |              | mg/Kg | ⊛ | 85   | 75 - 125    |

**Lab Sample ID: 460-305295-E-12-G MSD**  
**Matrix: Solid**  
**Analysis Batch: 979103**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 979028**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Lead    | 15.3          |                  | 4.48        | 19.09      |               | mg/Kg | ⊛ | 86   | 75 - 125    | 0   | 20        |

**Lab Sample ID: 460-305295-E-12-E DU**  
**Matrix: Solid**  
**Analysis Batch: 979103**

**Client Sample ID: Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 979028**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | RPD Limit |
|---------|---------------|------------------|-----------|--------------|-------|---|-----|-----------|
| Lead    | 15.3          |                  | 15.00     |              | mg/Kg | ⊛ | 2   | 20        |

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# QC Sample Results

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-305272-1

## Method: 6020B - Metals (ICP/MS) (Continued)

**Lab Sample ID: MB 460-979288/1-A**  
**Matrix: Solid**  
**Analysis Batch: 979535**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 979288**

| Analyte | MB Result | MB Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|-----|------|------|---|----------------|----------------|---------|
| Lead    | 0.84      | U            | 1.2 | 0.84 | ug/L |   | 06/10/24 10:07 | 06/11/24 11:08 | 1       |

**Lab Sample ID: LCS 460-979288/2-A ^10**  
**Matrix: Solid**  
**Analysis Batch: 979535**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 979288**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Lead    | 5000        | 5215       |               | ug/L |   | 104  | 80 - 120    |

**Lab Sample ID: LB 460-979186/1-B ^10**  
**Matrix: Solid**  
**Analysis Batch: 979535**

**Client Sample ID: Method Blank**  
**Prep Type: TCLP**  
**Prep Batch: 979288**

| Analyte | LB Result | LB Qualifier | RL   | MDL | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|------|-----|------|---|----------------|----------------|---------|
| Lead    | 8.4       | U            | 12.0 | 8.4 | ug/L |   | 06/10/24 10:07 | 06/11/24 11:53 | 10      |

**Lab Sample ID: 460-305272-1 DU**  
**Matrix: Solid**  
**Analysis Batch: 979535**

**Client Sample ID: DS-1-A1**  
**Prep Type: TCLP**  
**Prep Batch: 979288**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Lead    | 614           | F1               | 608.5     |              | ug/L |   | 0.9 | 20        |

## Method: Moisture - Percent Moisture

**Lab Sample ID: 460-305225-B-1 DU**  
**Matrix: Solid**  
**Analysis Batch: 978763**

**Client Sample ID: Duplicate**  
**Prep Type: Total/NA**

| Analyte          | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|------------------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Percent Moisture | 10            |                  | 9.7       |              | %    |   | 2   | 20        |
| Percent Solids   | 90.0          |                  | 90.3      |              | %    |   | 0.3 | 20        |

# QC Association Summary

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-305272-1

## GC Semi VOA

### Prep Batch: 978916

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 460-305272-1        | DS-1-A1                | Total/NA  | Solid  | 3546   |            |
| 460-305272-2        | DS-1-B1                | Total/NA  | Solid  | 3546   |            |
| 460-305272-3        | DS-1-C1                | Total/NA  | Solid  | 3546   |            |
| 460-305272-4        | DS-1-D1                | Total/NA  | Solid  | 3546   |            |
| MB 460-978916/1-A   | Method Blank           | Total/NA  | Solid  | 3546   |            |
| LCS 460-978916/2-A  | Lab Control Sample     | Total/NA  | Solid  | 3546   |            |
| LCSD 460-978916/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 3546   |            |

### Analysis Batch: 979286

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 460-305272-1        | DS-1-A1                | Total/NA  | Solid  | 8082A  | 978916     |
| 460-305272-2        | DS-1-B1                | Total/NA  | Solid  | 8082A  | 978916     |
| 460-305272-3        | DS-1-C1                | Total/NA  | Solid  | 8082A  | 978916     |
| 460-305272-4        | DS-1-D1                | Total/NA  | Solid  | 8082A  | 978916     |
| MB 460-978916/1-A   | Method Blank           | Total/NA  | Solid  | 8082A  | 978916     |
| LCS 460-978916/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8082A  | 978916     |
| LCSD 460-978916/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8082A  | 978916     |

## Metals

### Prep Batch: 979028

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| 460-305272-1             | DS-1-A1                | Total/NA  | Solid  | 3050B  |            |
| 460-305272-2             | DS-1-B1                | Total/NA  | Solid  | 3050B  |            |
| 460-305272-3             | DS-1-C1                | Total/NA  | Solid  | 3050B  |            |
| 460-305272-4             | DS-1-D1                | Total/NA  | Solid  | 3050B  |            |
| 460-305272-5             | DS-16-A1               | Total/NA  | Solid  | 3050B  |            |
| 460-305272-6             | DS-16-B1               | Total/NA  | Solid  | 3050B  |            |
| MB 460-979028/1-A        | Method Blank           | Total/NA  | Solid  | 3050B  |            |
| LCSSRM 460-979028/2-A ^3 | Lab Control Sample     | Total/NA  | Solid  | 3050B  |            |
| 460-305295-E-12-F MS     | Matrix Spike           | Total/NA  | Solid  | 3050B  |            |
| 460-305295-E-12-G MSD    | Matrix Spike Duplicate | Total/NA  | Solid  | 3050B  |            |
| 460-305295-E-12-E DU     | Duplicate              | Total/NA  | Solid  | 3050B  |            |

### Analysis Batch: 979103

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| 460-305272-1             | DS-1-A1                | Total/NA  | Solid  | 6020B  | 979028     |
| 460-305272-2             | DS-1-B1                | Total/NA  | Solid  | 6020B  | 979028     |
| 460-305272-3             | DS-1-C1                | Total/NA  | Solid  | 6020B  | 979028     |
| 460-305272-4             | DS-1-D1                | Total/NA  | Solid  | 6020B  | 979028     |
| 460-305272-5             | DS-16-A1               | Total/NA  | Solid  | 6020B  | 979028     |
| 460-305272-6             | DS-16-B1               | Total/NA  | Solid  | 6020B  | 979028     |
| MB 460-979028/1-A        | Method Blank           | Total/NA  | Solid  | 6020B  | 979028     |
| LCSSRM 460-979028/2-A ^3 | Lab Control Sample     | Total/NA  | Solid  | 6020B  | 979028     |
| 460-305295-E-12-F MS     | Matrix Spike           | Total/NA  | Solid  | 6020B  | 979028     |
| 460-305295-E-12-G MSD    | Matrix Spike Duplicate | Total/NA  | Solid  | 6020B  | 979028     |
| 460-305295-E-12-E DU     | Duplicate              | Total/NA  | Solid  | 6020B  | 979028     |

### Leach Batch: 979186

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 460-305272-1  | DS-1-A1          | TCLP      | Solid  | 1311   |            |

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# QC Association Summary

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-305272-1

## Metals (Continued)

### Leach Batch: 979186 (Continued)

| Lab Sample ID         | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|------------------|-----------|--------|--------|------------|
| 460-305272-2          | DS-1-B1          | TCLP      | Solid  | 1311   |            |
| 460-305272-3          | DS-1-C1          | TCLP      | Solid  | 1311   |            |
| 460-305272-4          | DS-1-D1          | TCLP      | Solid  | 1311   |            |
| 460-305272-5          | DS-16-A1         | TCLP      | Solid  | 1311   |            |
| 460-305272-6          | DS-16-B1         | TCLP      | Solid  | 1311   |            |
| LB 460-979186/1-B ^10 | Method Blank     | TCLP      | Solid  | 1311   |            |
| 460-305272-1 DU       | DS-1-A1          | TCLP      | Solid  | 1311   |            |

### Prep Batch: 979288

| Lab Sample ID          | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------------|--------------------|-----------|--------|--------|------------|
| 460-305272-1           | DS-1-A1            | TCLP      | Solid  | 3010A  | 979186     |
| 460-305272-2           | DS-1-B1            | TCLP      | Solid  | 3010A  | 979186     |
| 460-305272-3           | DS-1-C1            | TCLP      | Solid  | 3010A  | 979186     |
| 460-305272-4           | DS-1-D1            | TCLP      | Solid  | 3010A  | 979186     |
| 460-305272-5           | DS-16-A1           | TCLP      | Solid  | 3010A  | 979186     |
| 460-305272-6           | DS-16-B1           | TCLP      | Solid  | 3010A  | 979186     |
| LB 460-979186/1-B ^10  | Method Blank       | TCLP      | Solid  | 3010A  | 979186     |
| MB 460-979288/1-A      | Method Blank       | Total/NA  | Solid  | 3010A  |            |
| LCS 460-979288/2-A ^10 | Lab Control Sample | Total/NA  | Solid  | 3010A  |            |
| 460-305272-1 DU        | DS-1-A1            | TCLP      | Solid  | 3010A  | 979186     |

### Analysis Batch: 979535

| Lab Sample ID          | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------------|--------------------|-----------|--------|--------|------------|
| 460-305272-1           | DS-1-A1            | TCLP      | Solid  | 6020B  | 979288     |
| 460-305272-2           | DS-1-B1            | TCLP      | Solid  | 6020B  | 979288     |
| 460-305272-3           | DS-1-C1            | TCLP      | Solid  | 6020B  | 979288     |
| 460-305272-4           | DS-1-D1            | TCLP      | Solid  | 6020B  | 979288     |
| 460-305272-5           | DS-16-A1           | TCLP      | Solid  | 6020B  | 979288     |
| 460-305272-6           | DS-16-B1           | TCLP      | Solid  | 6020B  | 979288     |
| LB 460-979186/1-B ^10  | Method Blank       | TCLP      | Solid  | 6020B  | 979288     |
| MB 460-979288/1-A      | Method Blank       | Total/NA  | Solid  | 6020B  | 979288     |
| LCS 460-979288/2-A ^10 | Lab Control Sample | Total/NA  | Solid  | 6020B  | 979288     |
| 460-305272-1 DU        | DS-1-A1            | TCLP      | Solid  | 6020B  | 979288     |

## General Chemistry

### Analysis Batch: 978763

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 460-305272-1        | DS-1-A1                | Total/NA  | Solid  | Moisture |            |
| 460-305272-2        | DS-1-B1                | Total/NA  | Solid  | Moisture |            |
| 460-305272-3        | DS-1-C1                | Total/NA  | Solid  | Moisture |            |
| 460-305272-4        | DS-1-D1                | Total/NA  | Solid  | Moisture |            |
| 460-305272-5        | DS-16-A1               | Total/NA  | Solid  | Moisture |            |
| 460-305272-6        | DS-16-B1               | Total/NA  | Solid  | Moisture |            |
| 460-305295-D-12 MS  | Matrix Spike           | Total/NA  | Solid  | Moisture |            |
| 460-305295-D-12 MSD | Matrix Spike Duplicate | Total/NA  | Solid  | Moisture |            |
| 460-305295-D-12 MSS | Matrix Spike           | Total/NA  | Solid  | Moisture |            |
| 460-305225-B-1 DU   | Duplicate              | Total/NA  | Solid  | Moisture |            |

# Lab Chronicle

Client: Ecoterra Consulting LLC  
 Project/Site: Four Sparrows

Job ID: 460-305272-1

## Client Sample ID: DS-1-A1

Date Collected: 06/06/24 00:00

Date Received: 06/06/24 16:05

## Lab Sample ID: 460-305272-1

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 979186       | YXG           | EET EDI | 06/09/24 16:00 - 06/10/24 08:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 979288       | NNW           | EET EDI | 06/10/24 10:07                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 979535       | CDC           | EET EDI | 06/11/24 11:20                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 978763       | CJC           | EET EDI | 06/06/24 16:02                               |

## Client Sample ID: DS-1-A1

Date Collected: 06/06/24 00:00

Date Received: 06/06/24 16:05

## Lab Sample ID: 460-305272-1

Matrix: Solid

Percent Solids: 90.1

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|----------------------|
| Total/NA  | Prep       | 3546         |     |                 | 978916       | FHW           | EET EDI | 06/07/24 09:27       |
| Total/NA  | Analysis   | 8082A        |     | 2               | 979286       | JHP           | EET EDI | 06/10/24 13:26       |
| Total/NA  | Prep       | 3050B        |     |                 | 979028       | GAE           | EET EDI | 06/07/24 20:10       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 979103       | CDC           | EET EDI | 06/08/24 13:57       |

## Client Sample ID: DS-1-B1

Date Collected: 06/06/24 00:00

Date Received: 06/06/24 16:05

## Lab Sample ID: 460-305272-2

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 979186       | YXG           | EET EDI | 06/09/24 16:00 - 06/10/24 08:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 979288       | NNW           | EET EDI | 06/10/24 10:07                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 979535       | CDC           | EET EDI | 06/11/24 11:25                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 978763       | CJC           | EET EDI | 06/06/24 16:02                               |

## Client Sample ID: DS-1-B1

Date Collected: 06/06/24 00:00

Date Received: 06/06/24 16:05

## Lab Sample ID: 460-305272-2

Matrix: Solid

Percent Solids: 90.0

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|----------------------|
| Total/NA  | Prep       | 3546         |     |                 | 978916       | FHW           | EET EDI | 06/07/24 09:27       |
| Total/NA  | Analysis   | 8082A        |     | 2               | 979286       | JHP           | EET EDI | 06/10/24 13:43       |
| Total/NA  | Prep       | 3050B        |     |                 | 979028       | GAE           | EET EDI | 06/07/24 20:10       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 979103       | CDC           | EET EDI | 06/08/24 14:00       |

## Client Sample ID: DS-1-C1

Date Collected: 06/06/24 00:00

Date Received: 06/06/24 16:05

## Lab Sample ID: 460-305272-3

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 979186       | YXG           | EET EDI | 06/09/24 16:00 - 06/10/24 08:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 979288       | NNW           | EET EDI | 06/10/24 10:07                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 979535       | CDC           | EET EDI | 06/11/24 11:28                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 978763       | CJC           | EET EDI | 06/06/24 16:02                               |

# Lab Chronicle

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-305272-1

**Client Sample ID: DS-1-C1**

**Lab Sample ID: 460-305272-3**

**Date Collected: 06/06/24 00:00**

**Matrix: Solid**

**Date Received: 06/06/24 16:05**

**Percent Solids: 91.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 3546         |     |                 | 978916       | FHW     | EET EDI | 06/07/24 09:27       |
| Total/NA  | Analysis   | 8082A        |     | 1               | 979286       | JHP     | EET EDI | 06/10/24 12:40       |
| Total/NA  | Prep       | 3050B        |     |                 | 979028       | GAE     | EET EDI | 06/07/24 20:10       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 979103       | CDC     | EET EDI | 06/08/24 14:07       |

**Client Sample ID: DS-1-D1**

**Lab Sample ID: 460-305272-4**

**Date Collected: 06/06/24 00:00**

**Matrix: Solid**

**Date Received: 06/06/24 16:05**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 979186       | YXG     | EET EDI | 06/09/24 16:00 - 06/10/24 08:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 979288       | NNW     | EET EDI | 06/10/24 10:07                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 979535       | CDC     | EET EDI | 06/11/24 11:35                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 978763       | CJC     | EET EDI | 06/06/24 16:02                               |

**Client Sample ID: DS-1-D1**

**Lab Sample ID: 460-305272-4**

**Date Collected: 06/06/24 00:00**

**Matrix: Solid**

**Date Received: 06/06/24 16:05**

**Percent Solids: 90.4**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 3546         |     |                 | 978916       | FHW     | EET EDI | 06/07/24 09:27       |
| Total/NA  | Analysis   | 8082A        |     | 2               | 979286       | JHP     | EET EDI | 06/10/24 14:02       |
| Total/NA  | Prep       | 3050B        |     |                 | 979028       | GAE     | EET EDI | 06/07/24 20:10       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 979103       | CDC     | EET EDI | 06/08/24 14:10       |

**Client Sample ID: DS-16-A1**

**Lab Sample ID: 460-305272-5**

**Date Collected: 06/06/24 00:00**

**Matrix: Solid**

**Date Received: 06/06/24 16:05**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 979186       | YXG     | EET EDI | 06/09/24 16:00 - 06/10/24 08:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 979288       | NNW     | EET EDI | 06/10/24 10:07                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 979535       | CDC     | EET EDI | 06/11/24 11:38                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 978763       | CJC     | EET EDI | 06/06/24 16:02                               |

**Client Sample ID: DS-16-A1**

**Lab Sample ID: 460-305272-5**

**Date Collected: 06/06/24 00:00**

**Matrix: Solid**

**Date Received: 06/06/24 16:05**

**Percent Solids: 89.2**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 979028       | GAE     | EET EDI | 06/07/24 20:10       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 979103       | CDC     | EET EDI | 06/08/24 14:12       |

# Lab Chronicle

Client: Ecoterra Consulting LLC  
 Project/Site: Four Sparrows

Job ID: 460-305272-1

**Client Sample ID: DS-16-B1**

**Lab Sample ID: 460-305272-6**

**Date Collected: 06/06/24 00:00**

**Matrix: Solid**

**Date Received: 06/06/24 16:05**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|--|
| TCLP      | Leach      | 1311         |     |                 | 979186       | YXG           | EET EDI | 06/09/24 16:00 - 06/10/24 08:00 <sup>1</sup> |
| TCLP      | Prep       | 3010A        |     |                 | 979288       | NNW           | EET EDI | 06/10/24 10:07                               |
| TCLP      | Analysis   | 6020B        |     | 10              | 979535       | CDC           | EET EDI | 06/11/24 11:40                               |
| Total/NA  | Analysis   | Moisture     |     | 1               | 978763       | CJC           | EET EDI | 06/06/24 16:02                               |

**Client Sample ID: DS-16-B1**

**Lab Sample ID: 460-305272-6**

**Date Collected: 06/06/24 00:00**

**Matrix: Solid**

**Date Received: 06/06/24 16:05**

**Percent Solids: 91.4**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Batch Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------------|---------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 979028       | GAE           | EET EDI | 06/07/24 20:10       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 979103       | CDC           | EET EDI | 06/08/24 14:15       |

<sup>1</sup> This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

**Laboratory References:**

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

# Accreditation/Certification Summary

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-305272-1

## Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority  | Program | Identification Number | Expiration Date |
|------------|---------|-----------------------|-----------------|
| New Jersey | NELAP   | 12028                 | 06-30-24        |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte                          |
|-----------------|-------------|--------|----------------------------------|
| 8082A           | 3546        | Solid  | Polychlorinated biphenyls, Total |
| Moisture        |             | Solid  | Percent Moisture                 |
| Moisture        |             | Solid  | Percent Solids                   |



# Method Summary

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-305272-1

| Method   | Method Description                                     | Protocol | Laboratory |
|----------|--|----------|------------|
| 8082A    | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846    | EET EDI    |
| 6020B    | Metals (ICP/MS)  | SW846    | EET EDI    |
| Moisture | Percent Moisture                                       | EPA      | EET EDI    |
| 1311     | TCLP Extraction  | SW846    | EET EDI    |
| 3010A    | Preparation, Total Metals                              | SW846    | EET EDI    |
| 3050B    | Preparation, Metals                                    | SW846    | EET EDI    |
| 3546     | Microwave Extraction                                   | SW846    | EET EDI    |

**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900





# Sample Summary

Client: Ecoterra Consulting LLC  
Project/Site: Four Sparrows

Job ID: 460-305272-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 460-305272-1  | DS-1-A1          | Solid  | 06/06/24 00:00 | 06/06/24 16:05 |
| 460-305272-2  | DS-1-B1          | Solid  | 06/06/24 00:00 | 06/06/24 16:05 |
| 460-305272-3  | DS-1-C1          | Solid  | 06/06/24 00:00 | 06/06/24 16:05 |
| 460-305272-4  | DS-1-D1          | Solid  | 06/06/24 00:00 | 06/06/24 16:05 |
| 460-305272-5  | DS-16-A1         | Solid  | 06/06/24 00:00 | 06/06/24 16:05 |
| 460-305272-6  | DS-16-B1         | Solid  | 06/06/24 00:00 | 06/06/24 16:05 |

1

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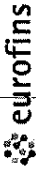
13

14

15

>> Select a Laboratory or Service Center <<  
 #/N/A  
 #/N/A  
 #/N/A  
 ##

# Chain of Custody Record



Environment Testing  
 America

Eurofins Environment Testing America

Regulatory Program:  DW  NPDES  RCRA  Other

Project Manager: **H. Kater**

Client Contact  
 Your Company Name here: **ECOTERRA**  
 Address: **234 Steeles Rd**  
 City/State/Zip: **Wiscataway NJ**  
 (xxx) xxx-xxxx: **932-624-9999**  
 (xxx) xxx-xxxx: **9999**  
 Project Name: **FOUR SPARROWS**  
 Site:  
 P O #

Analysis Turnaround Time: **5-day**  
 Calendar Days  Working Days  
 If different from Below  
 2 weeks  1 week  2 days  1 day

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=Grab) | # of Cont. | Matrix | Site Contact: |          | Date: | Carrier: | Sample Specific Notes: |
|-----------------------|-------------|-------------|------------------------------|------------|--------|---------------|----------|-------|----------|------------------------|
|                       |             |             |                              |            |        | Lab Contact:  | Carrier: |       |          |                        |
| DS-1-A1               | 6/6         |             | G                            | S          |        |               |          |       |          |                        |
| DS-1-B1               |             |             |                              |            |        |               |          |       |          | -1                     |
| DS-1-C1               |             |             |                              |            |        |               |          |       |          | -2                     |
| DS-1-D1               |             |             |                              |            |        |               |          |       |          | -3                     |
| DS-16-A1              |             |             |                              |            |        |               |          |       |          | -4                     |
| DS-16-B1              |             |             |                              |            |        |               |          |       |          | -5                     |
| DS-1-A2               |             |             |                              |            |        |               |          |       |          | -6                     |
| DS-1-B2               |             |             |                              |            |        |               |          |       |          | -7                     |
| DS-1-C2               |             |             |                              |            |        |               |          |       |          | -8                     |
| DS-1-D2               |             |             |                              |            |        |               |          |       |          | -9                     |
| DS-16-A2              |             |             |                              |            |        |               |          |       |          | -10                    |
| DS-16-B2              |             |             |                              |            |        |               |          |       |          | -11                    |

Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other

Possible Hazard Identification:  Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown  Return to Client  Dis

Sample Disposal (A fee may be):  Return to Client  Dis



Project Manager: **H. Kater**

Client Contact  
 Your Company Name here: **ECOTERRA**  
 Address: **234 Steeles Rd**  
 City/State/Zip: **Wiscataway NJ**  
 (xxx) xxx-xxxx: **932-624-9999**  
 (xxx) xxx-xxxx: **9999**  
 Project Name: **FOUR SPARROWS**  
 Site:  
 P O #

Analysis Turnaround Time: **5-day**  
 Calendar Days  Working Days  
 If different from Below  
 2 weeks  1 week  2 days  1 day

Sample Disposal (A fee may be):  Return to Client  Dis

Sample Specific Notes:  
 -1  
 -2  
 -3  
 -4  
 -5  
 -6  
 -7  
 -8  
 -9  
 -10  
 -11  
 -12

Sample Disposal (A fee may be):  Return to Client  Dis

Special Instructions/QC Requirements & Comments:

Therm ID No.:  
 Date/Time: **6/6/24 16:05**  
 Date/Time: **6/6/24 16:05**  
 Date/Time:

Received by: **ETA** (Company)  
 Received by: (Company)  
 Received in Laboratory by: (Company)

FR-9 vic (1.5c)





# Login Sample Receipt Checklist

Client: Ecoterra Consulting LLC

Job Number: 460-305272-1

**Login Number: 305272**

**List Source: Eurofins Edison**

**List Number: 1**

**Creator: Lysy, Susan**

| Question  | Answer | Comment                             |
|---|--------|-------------------------------------|
| Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.      | N/A    |                                     |
| The cooler's custody seal, if present, is intact.   | True   |                                     |
| Sample custody seals, if present, are intact.   | True   |                                     |
| The cooler or samples do not appear to have been compromised or tampered with.                      | True   |                                     |
| Samples were received on ice.   | True   |                                     |
| Cooler Temperature is acceptable.   | True   |                                     |
| Cooler Temperature is recorded.   | True   |                                     |
| COC is present.   | True   |                                     |
| COC is filled out in ink and legible.   | True   |                                     |
| COC is filled out with all pertinent information.   | False  | Refer to Job Narrative for details. |
| Is the Field Sampler's name present on COC?   | True   |                                     |
| There are no discrepancies between the containers received and the COC.                             | True   |                                     |
| Samples are received within Holding Time (excluding tests with immediate HTs)                       | True   |                                     |
| Sample containers have legible labels.  | True   |                                     |
| Containers are not broken or leaking.   | True   |                                     |
| Sample collection date/times are provided.  | False  | Refer to Job Narrative for details. |
| Appropriate sample containers are used.   | True   |                                     |
| Sample bottles are completely filled.   | True   |                                     |
| Sample Preservation Verified.   | True   |                                     |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs                    | True   |                                     |
| Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4"). | N/A    |                                     |
| Multiphasic samples are not present.  | N/A    |                                     |
| Samples do not require splitting or compositing.  | N/A    |                                     |
| Residual Chlorine Checked.  | N/A    |                                     |